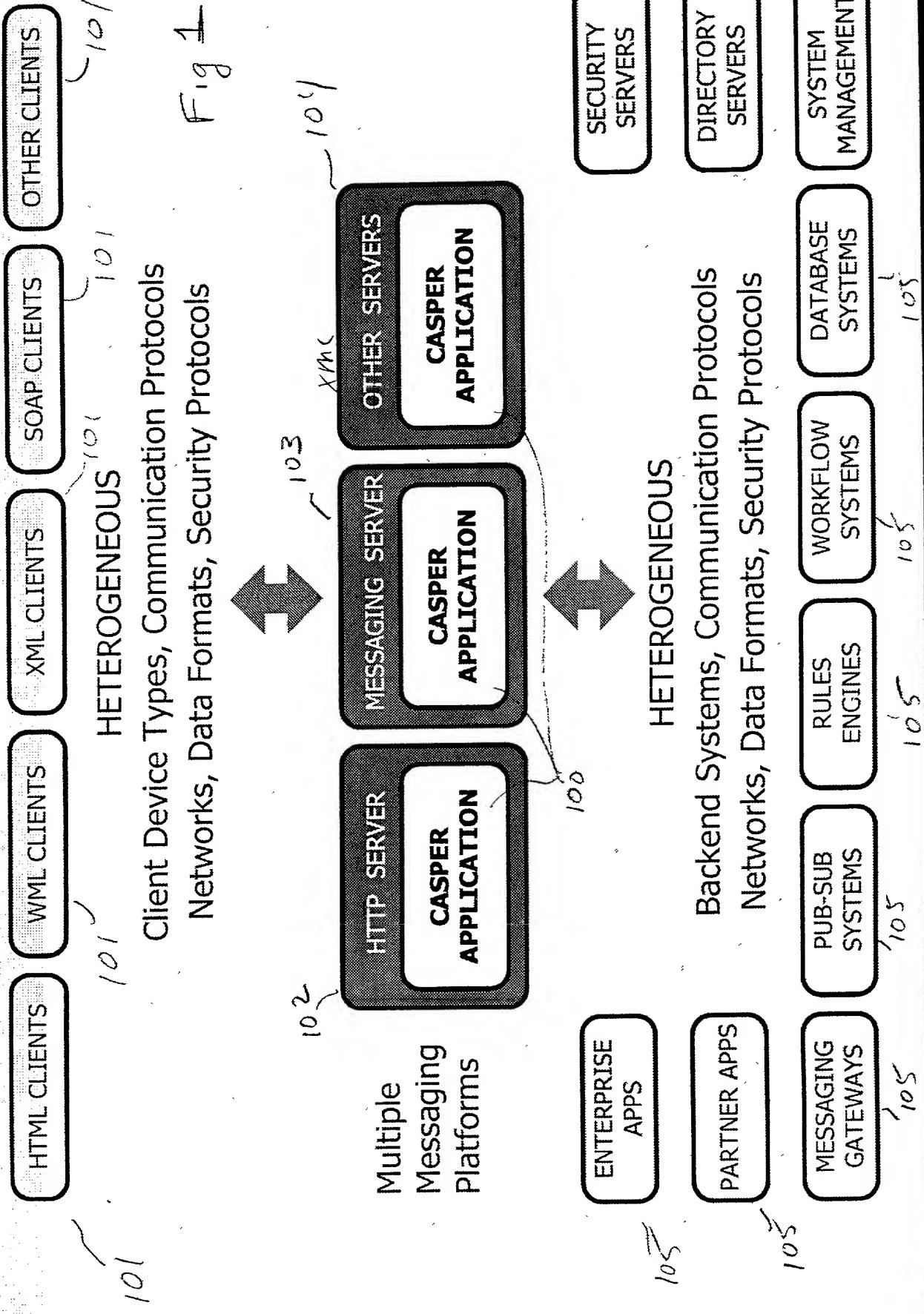


Heterogeneous Distributed Environment



Client Device Types, Communication Protocols
Networks, Data Formats, Security Protocols

Container and Framework Overview

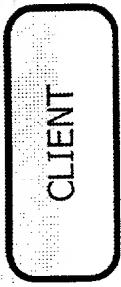
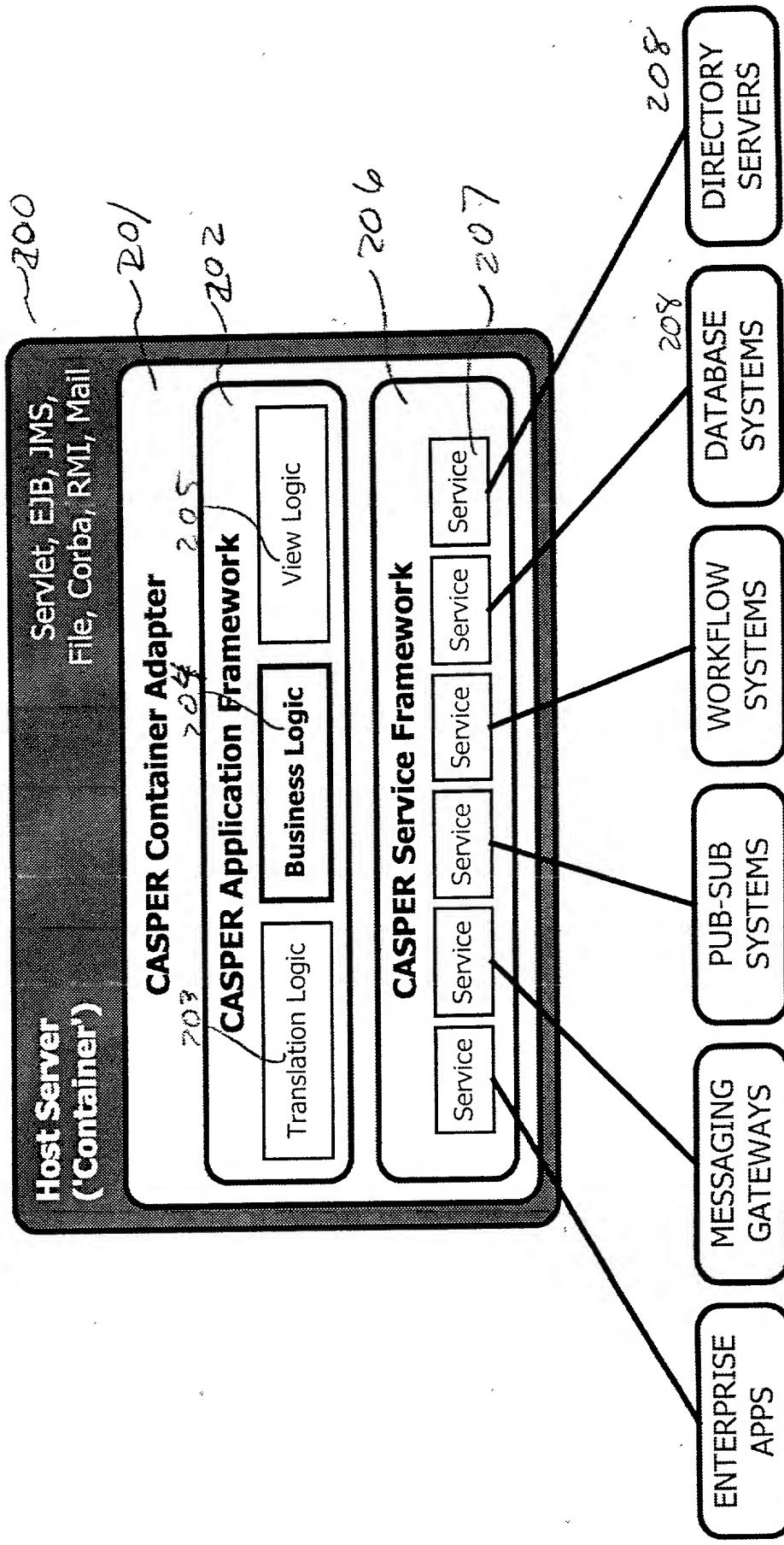
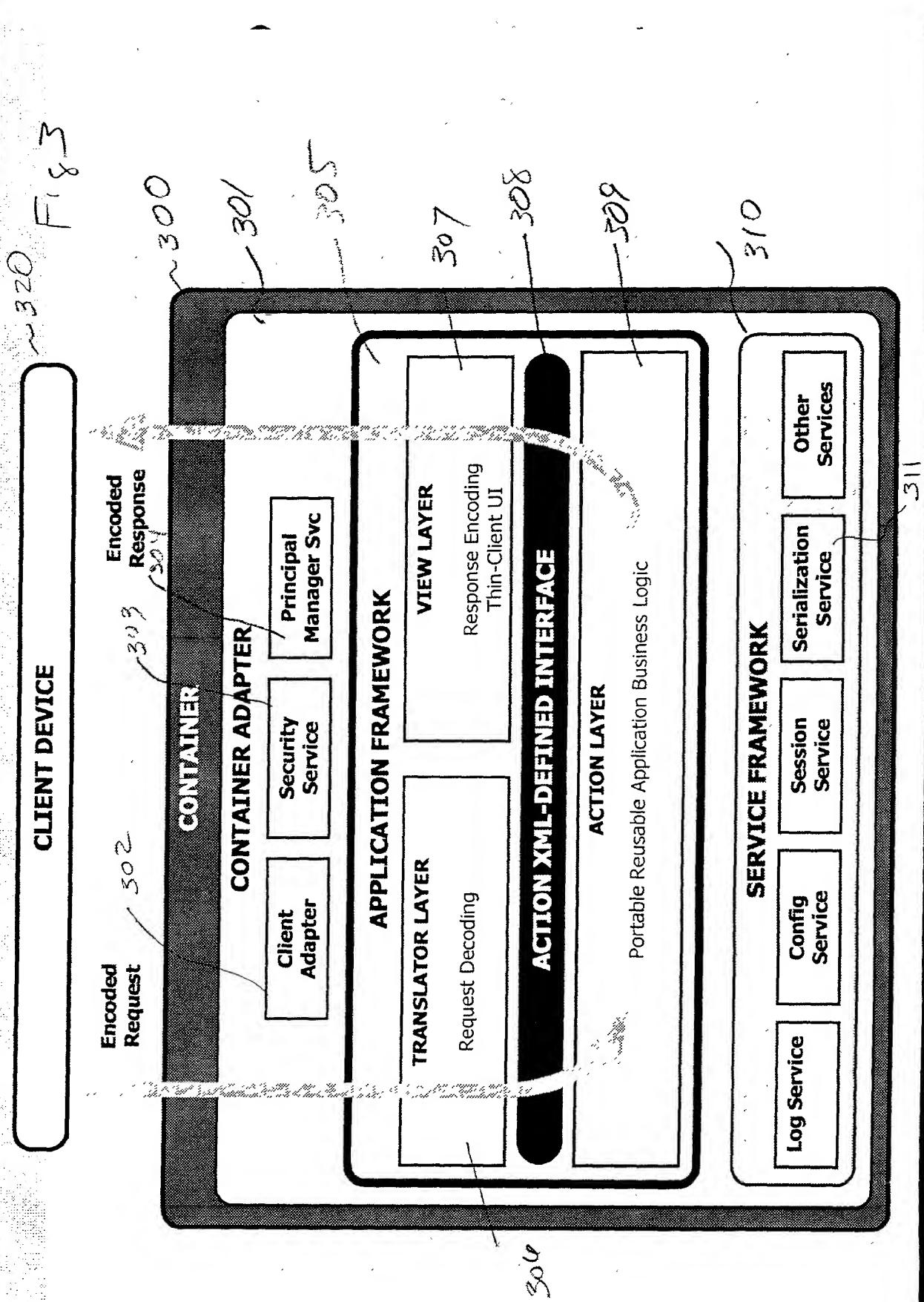


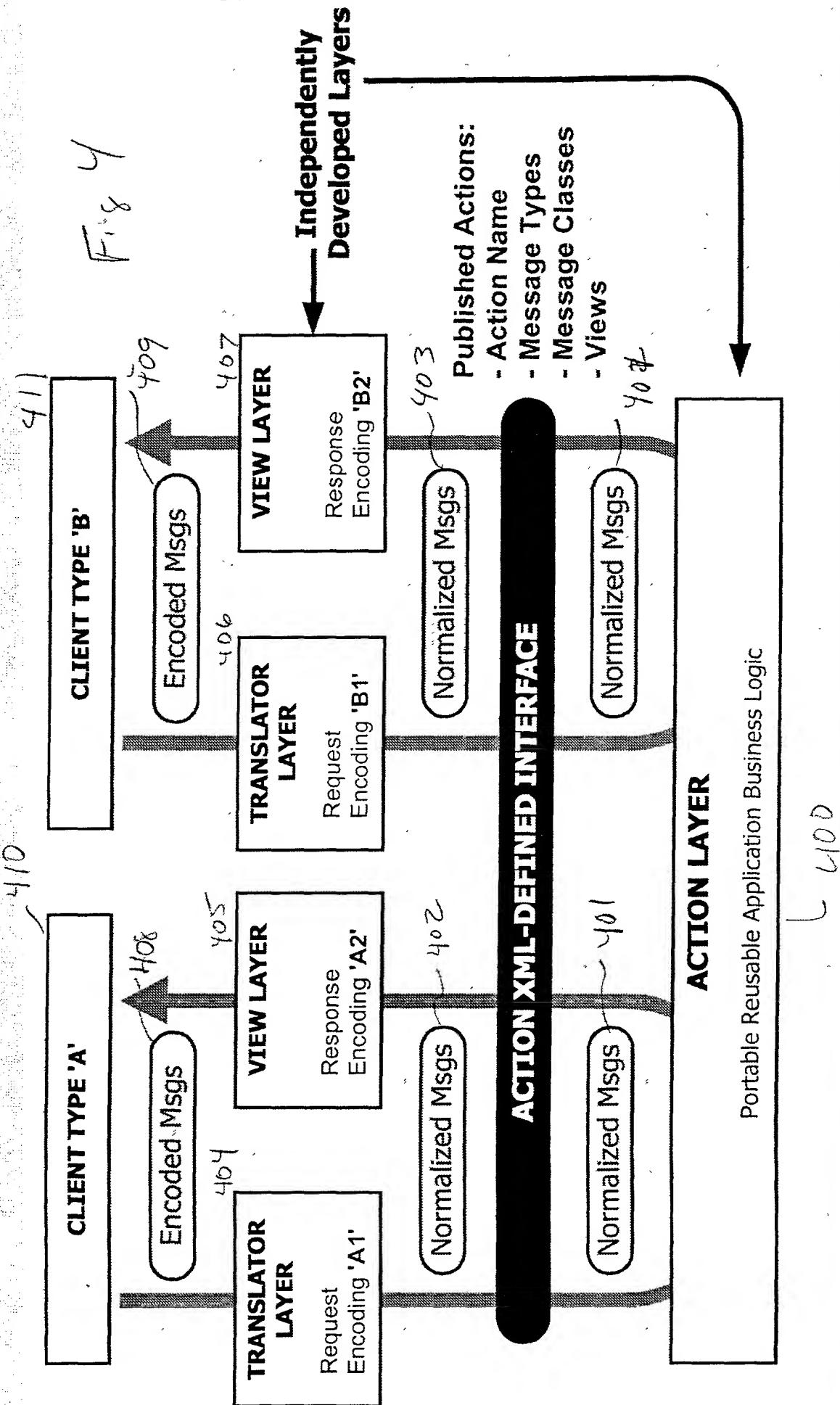
Fig 2



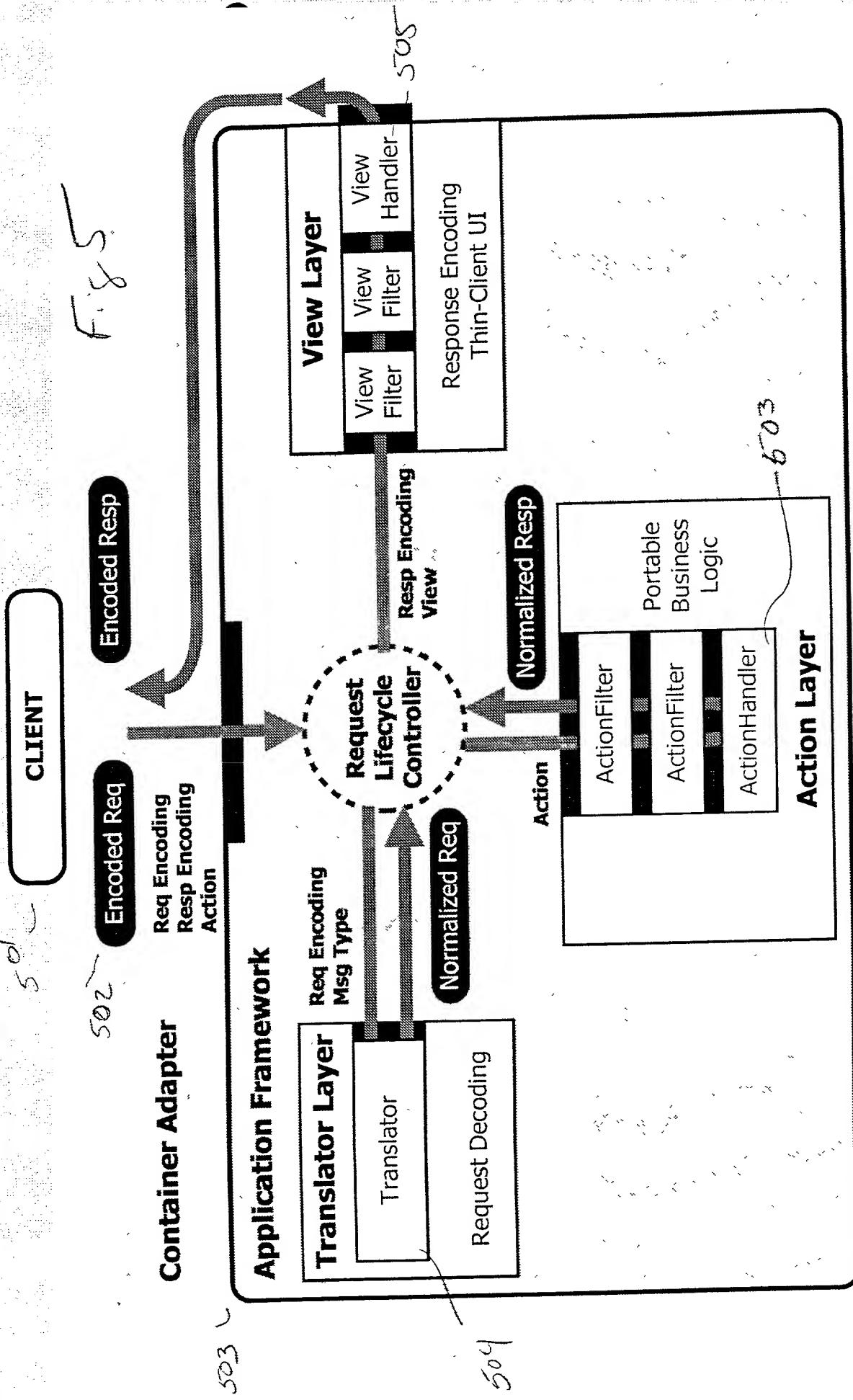
Application Framework Overview



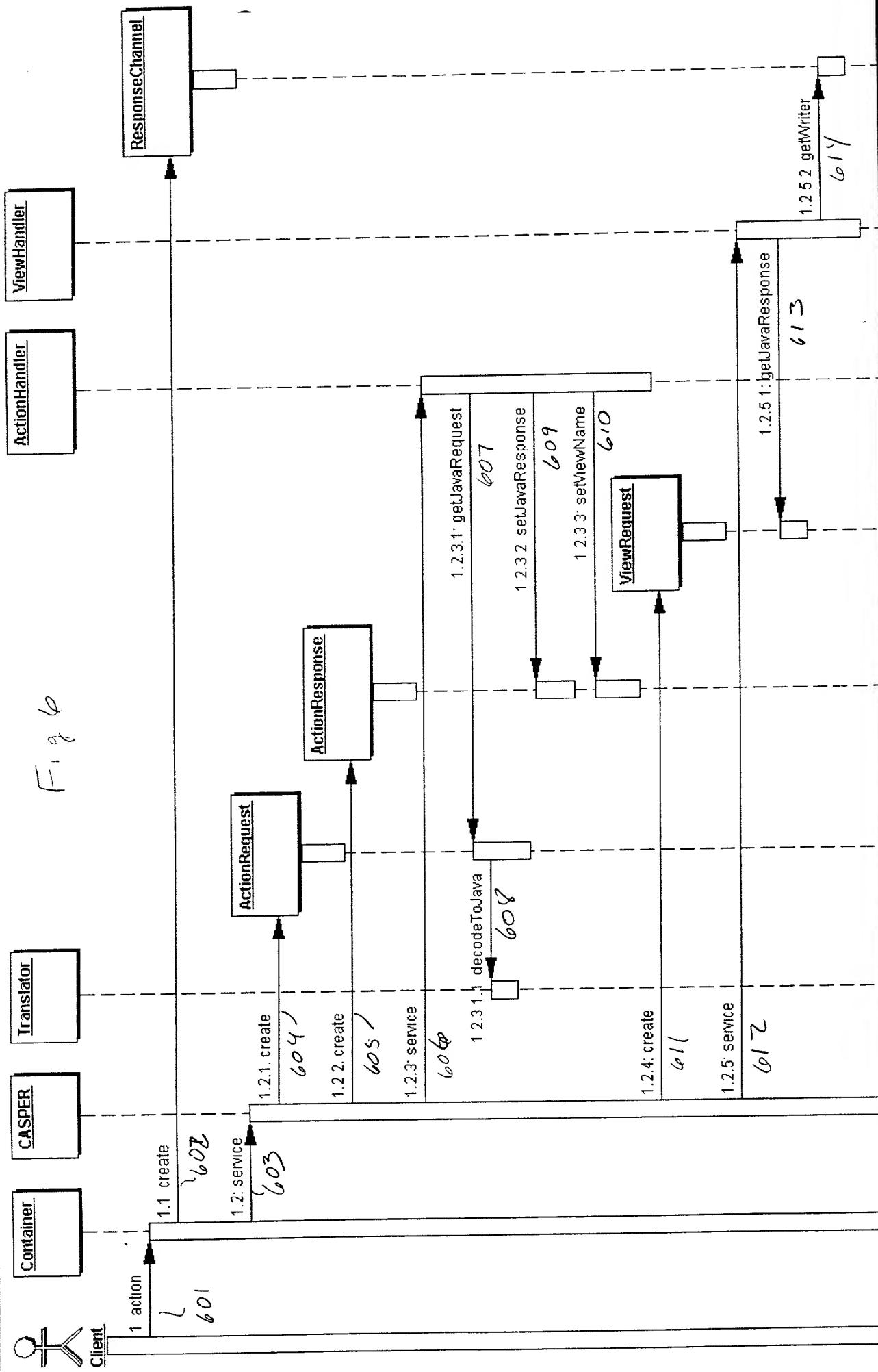
Published XML-Defined Action Interface



Application Request Lifecycle Overview



Application Request Sequence Overview

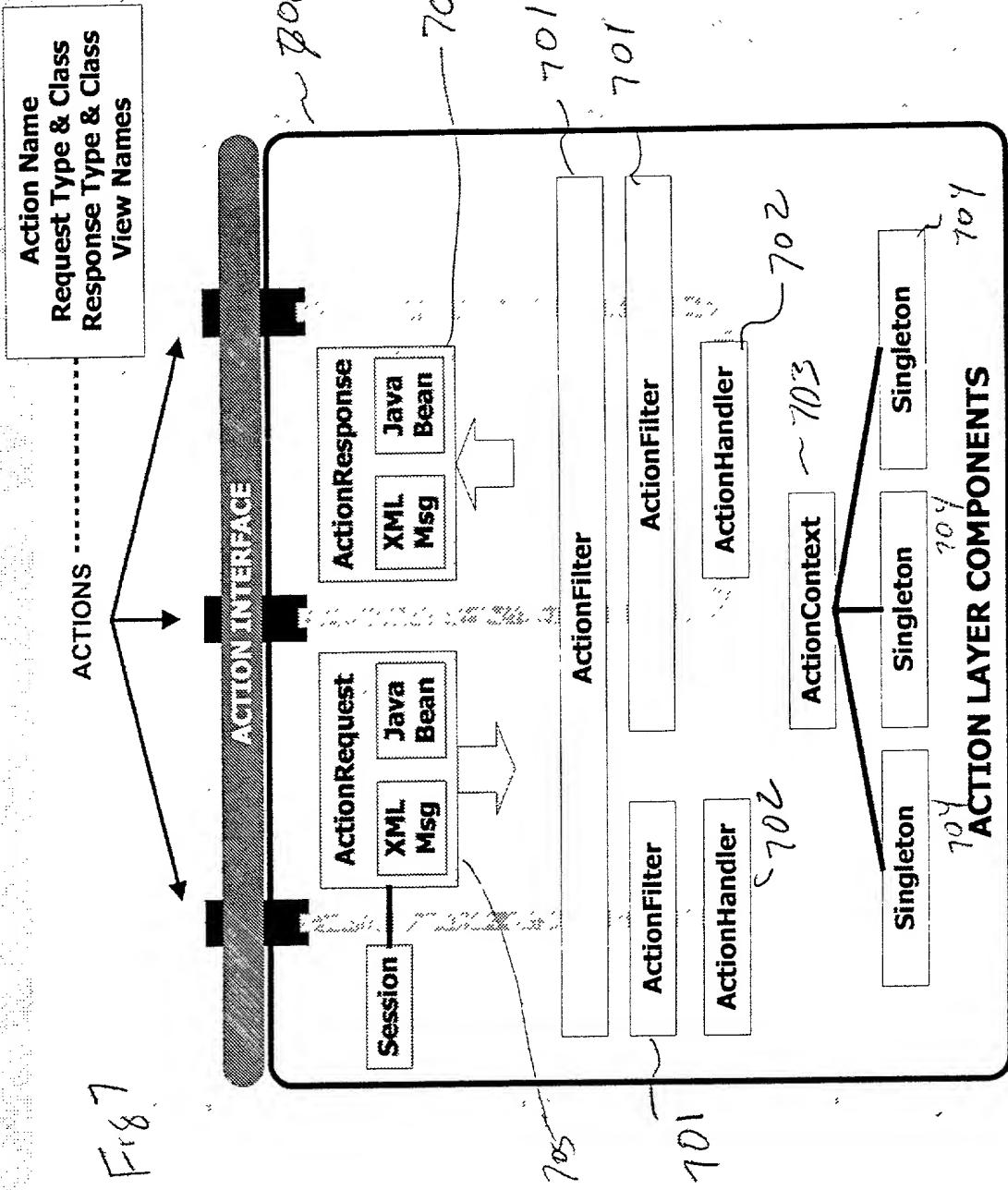


CASPER Architecture

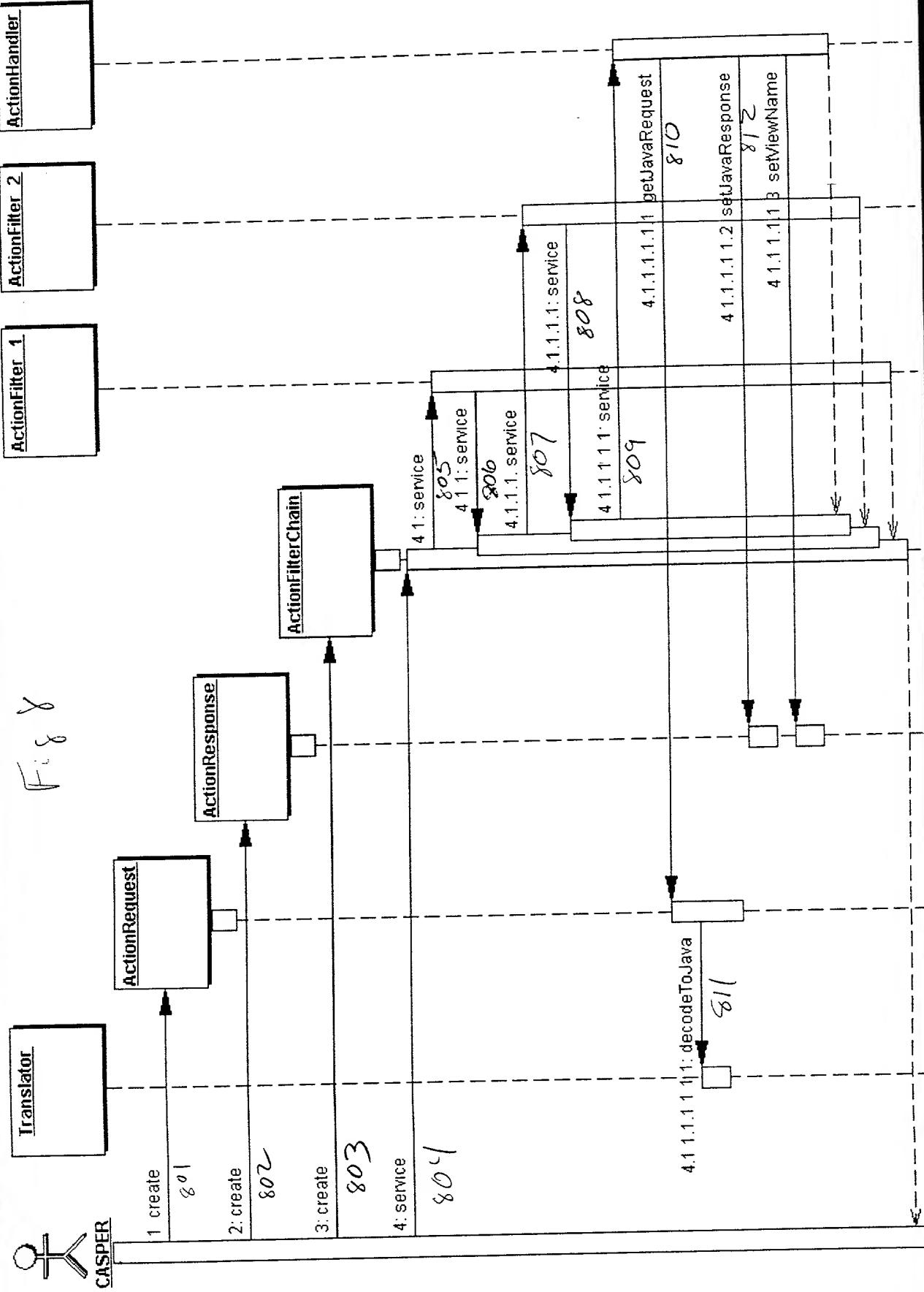
GE Proprietary and Confidential

5 December 2000

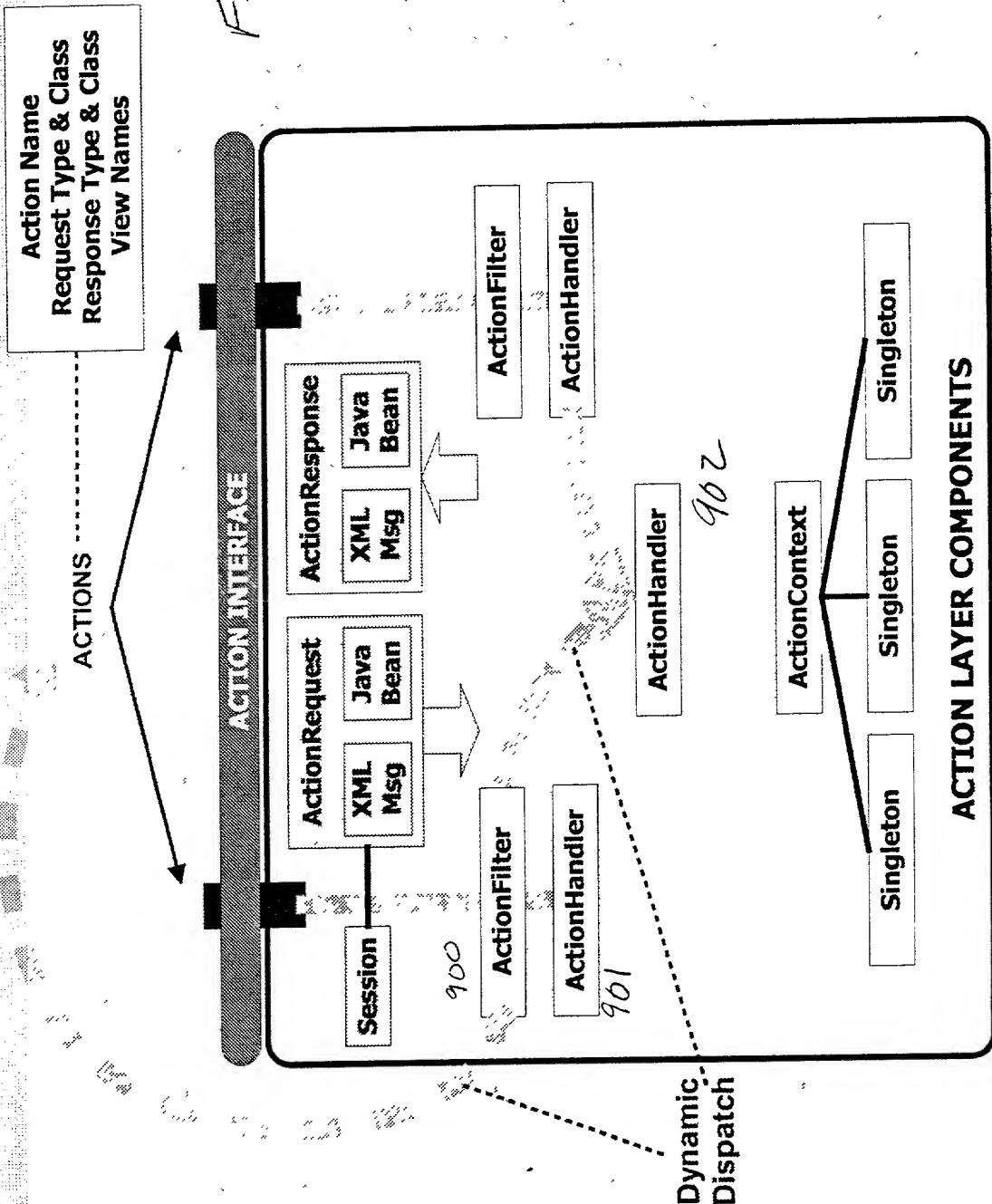
Action Layer Components



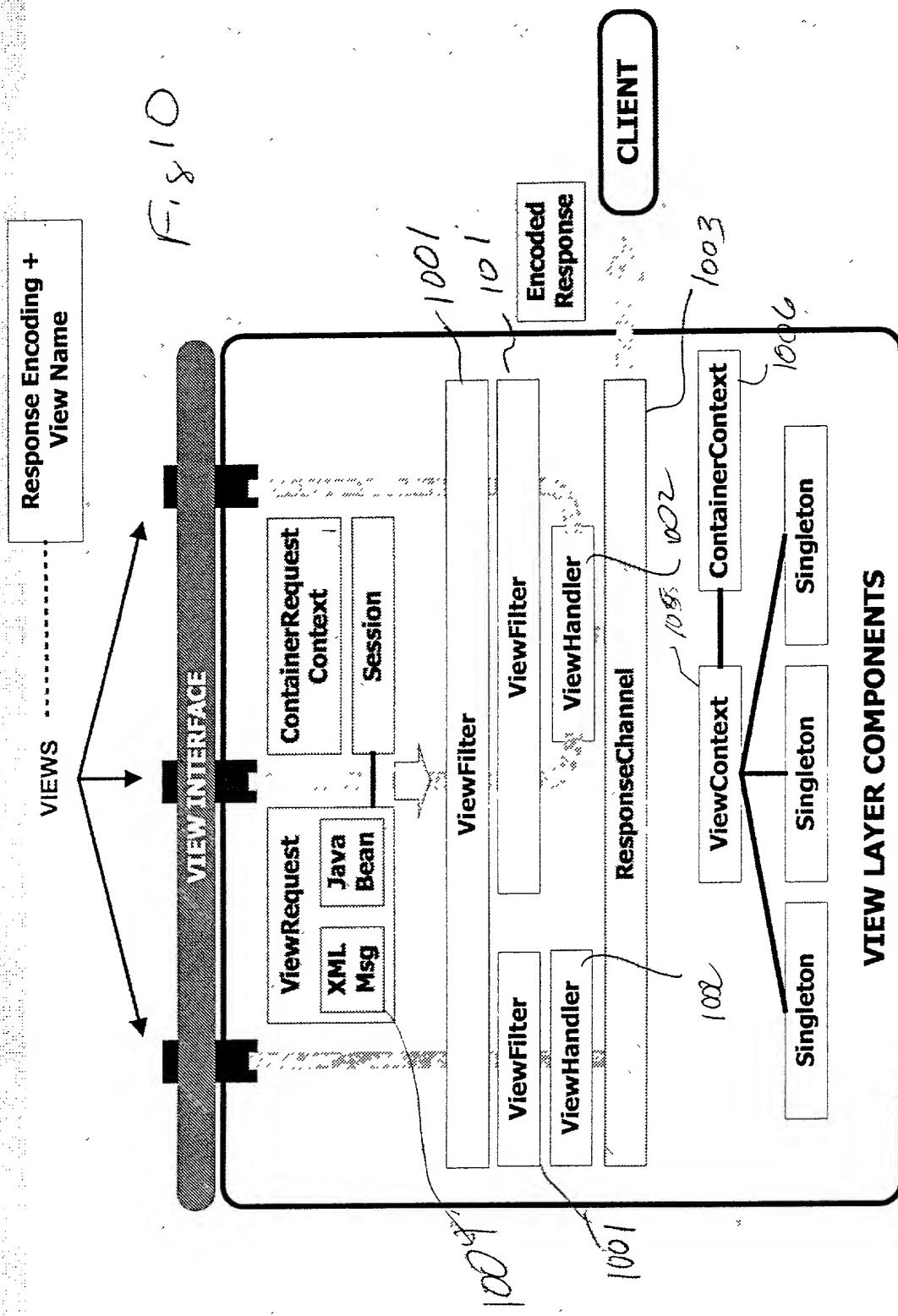
Action Layer Request Sequence Overview



Action Layer Dynamic Dispatch

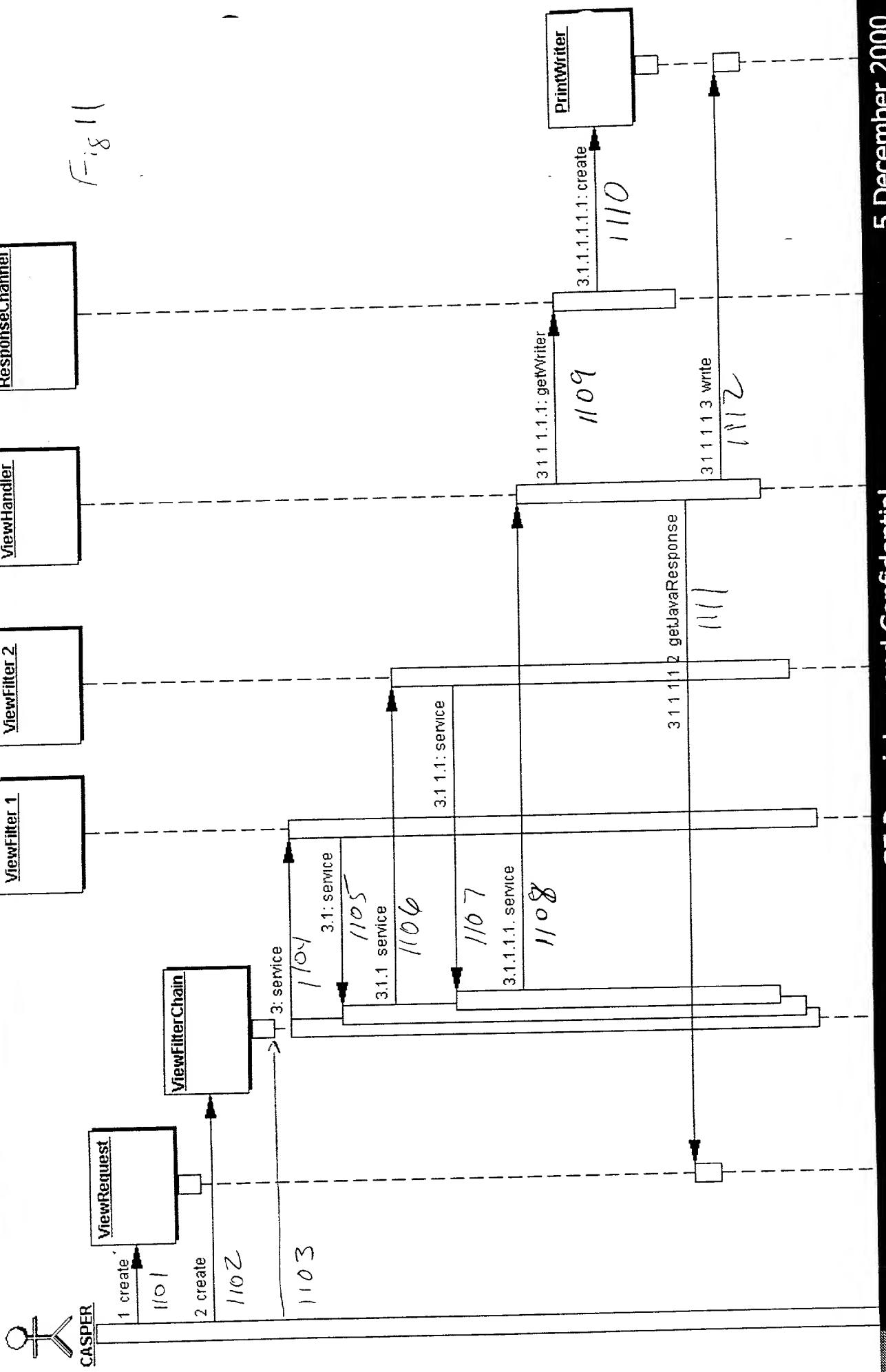


View Layer Components



VIEW LAYER COMPONENTS

View Layer Request Sequence Overview



5 December 2000

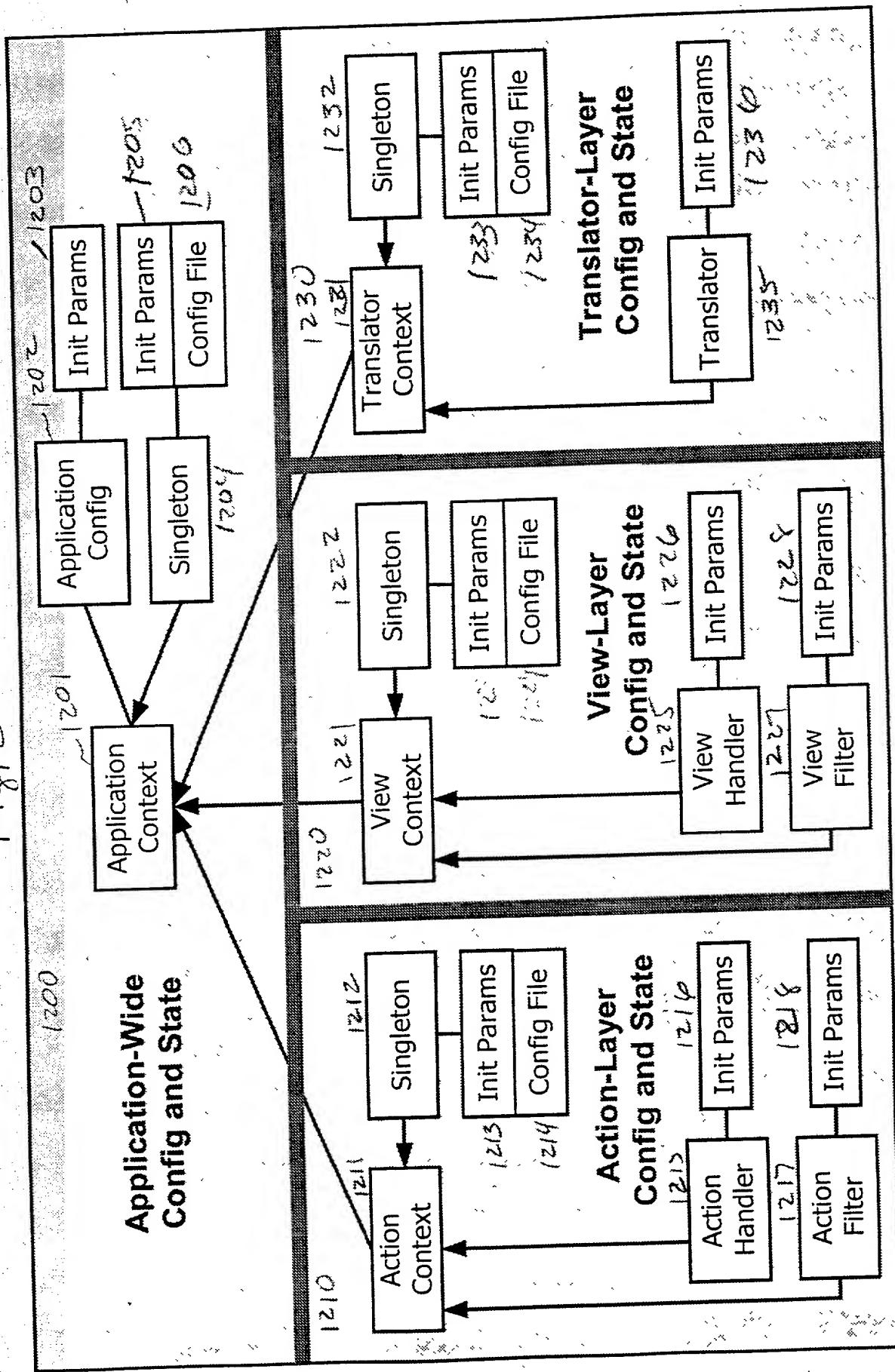
GE Proprietary and Confidential

CASPER Architecture

29

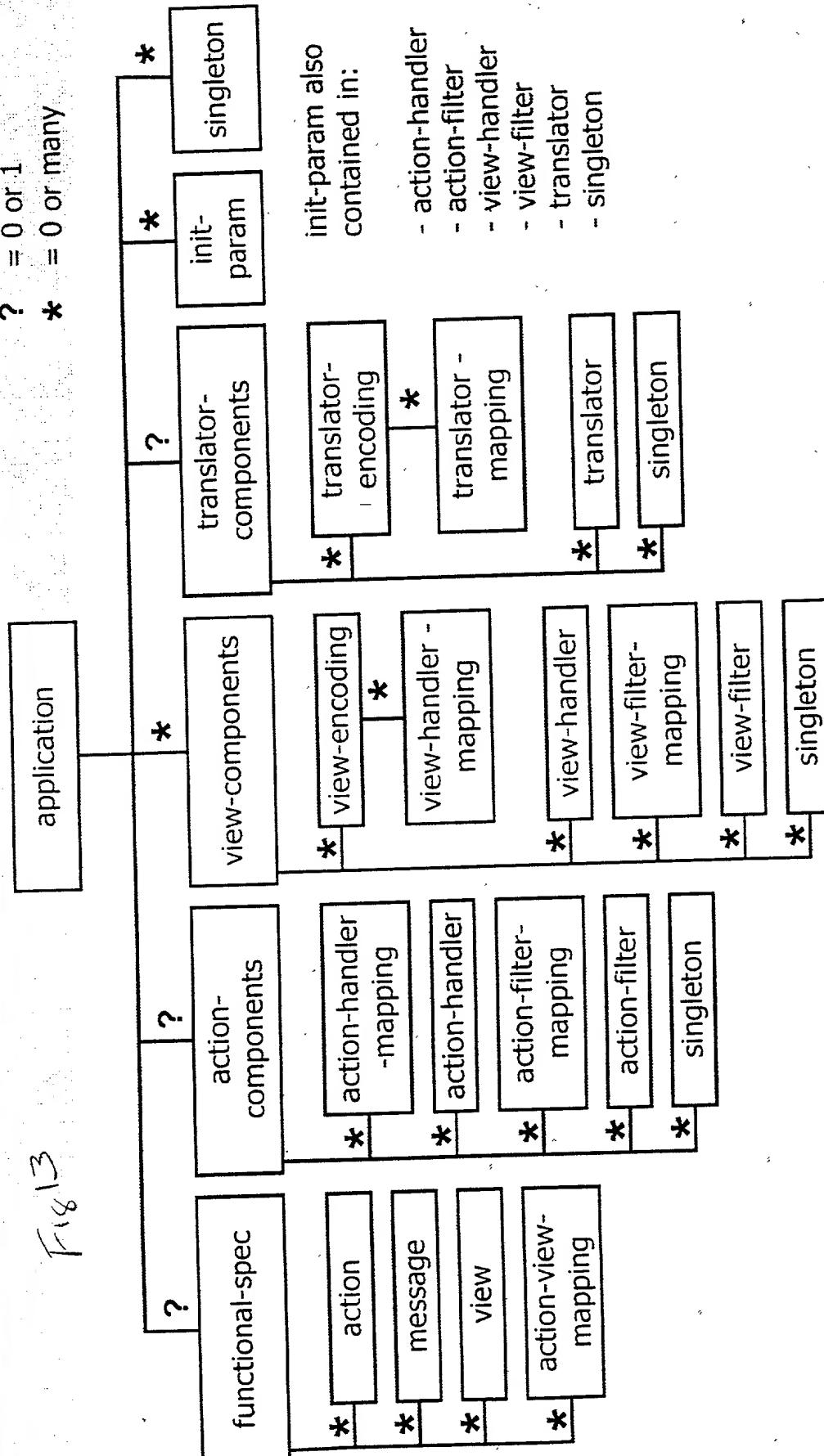
Configuration And State Architecture

Fig 12



casper-application.xml structure

Fig 13



```

<!DOCTYPE application
PUBLIC "-//GE CASPER//DTD config casper-application-1.0//EN"
"http://casper.ge.com/dtd/config/casper-application-1.0.dtd">

```

Action Table

Action	application request format	application response format	Dispatcher
get-product req.			product description rep.
get product			

1401

1402

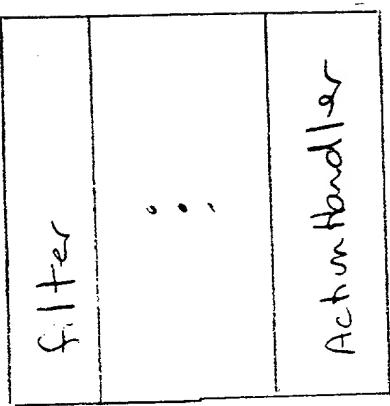


Fig 11

T / 2010 T 0 3 150 2

Translator Table

client request format	application request format	dis patcher	Translator
NV pair	any		

Fig 15

Code Review

View Table 1601

client response format	view	view dispatcher
html	product	

View Table 1602

	filter
	:
	viewHandler

Fig 14

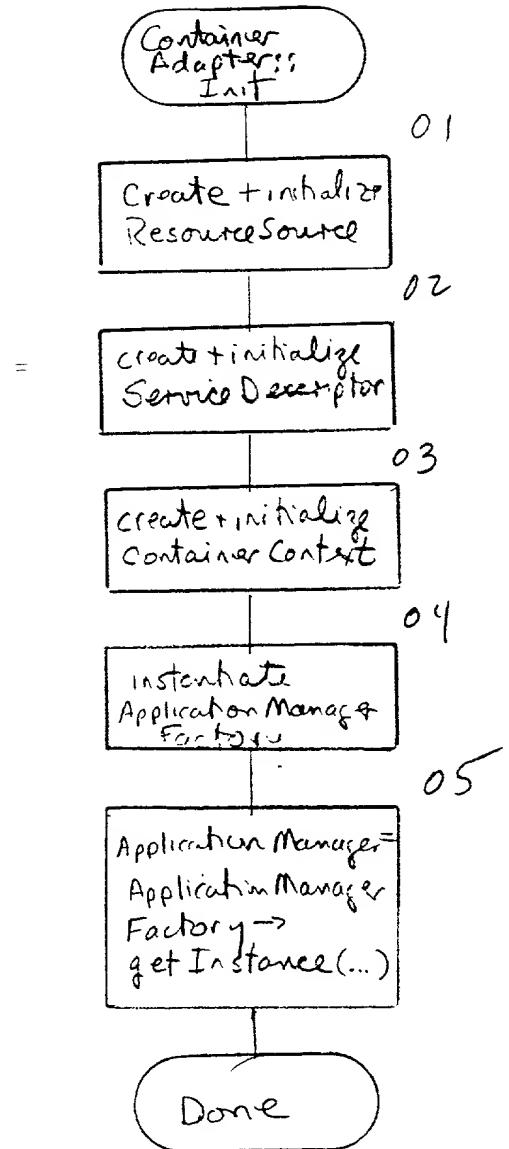
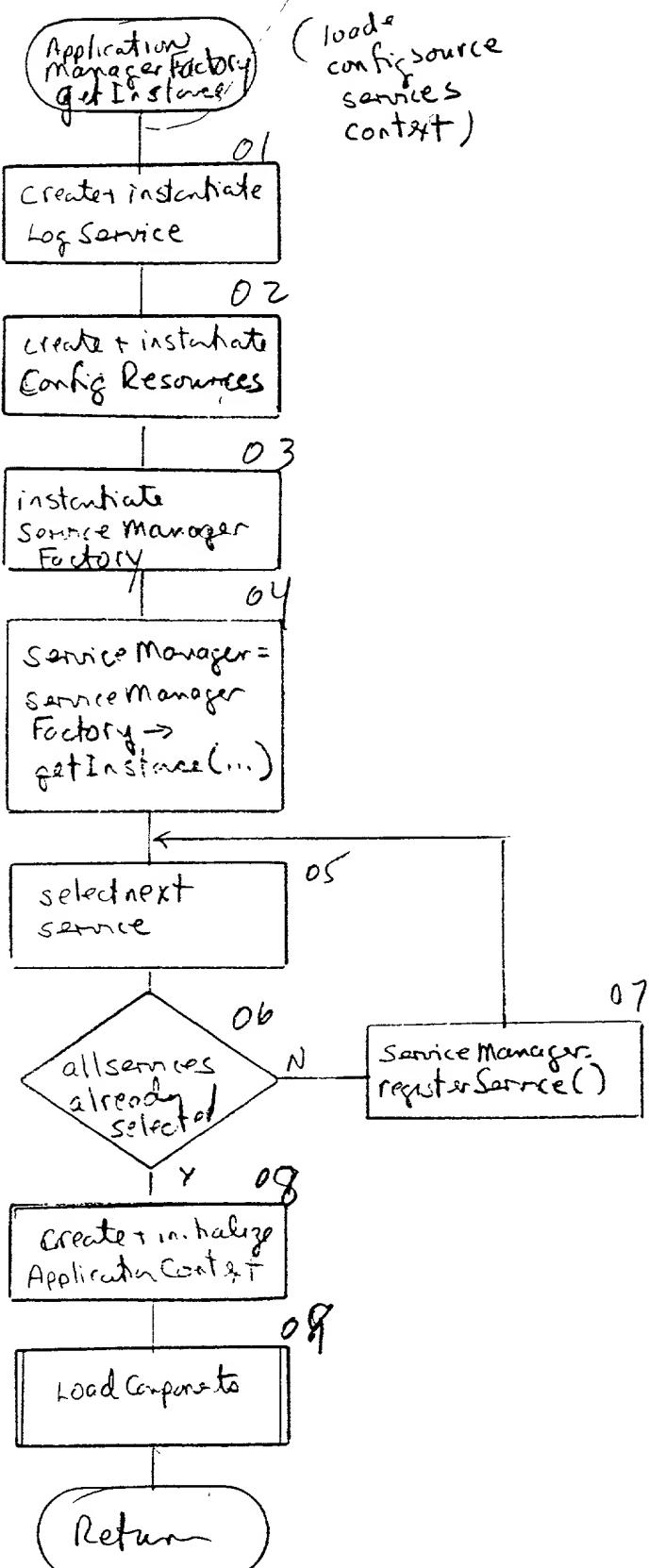


Fig 17



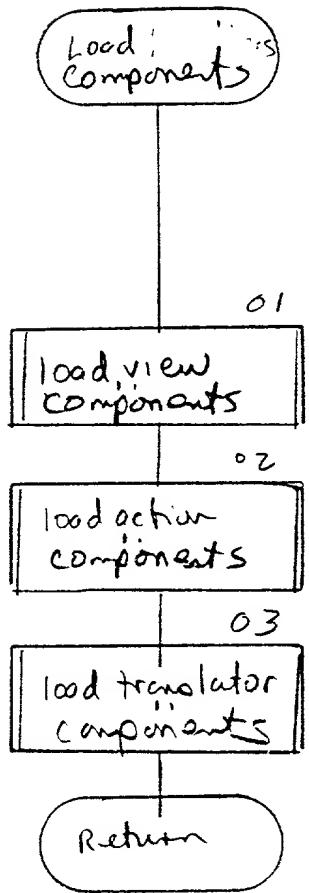


FIG. 19

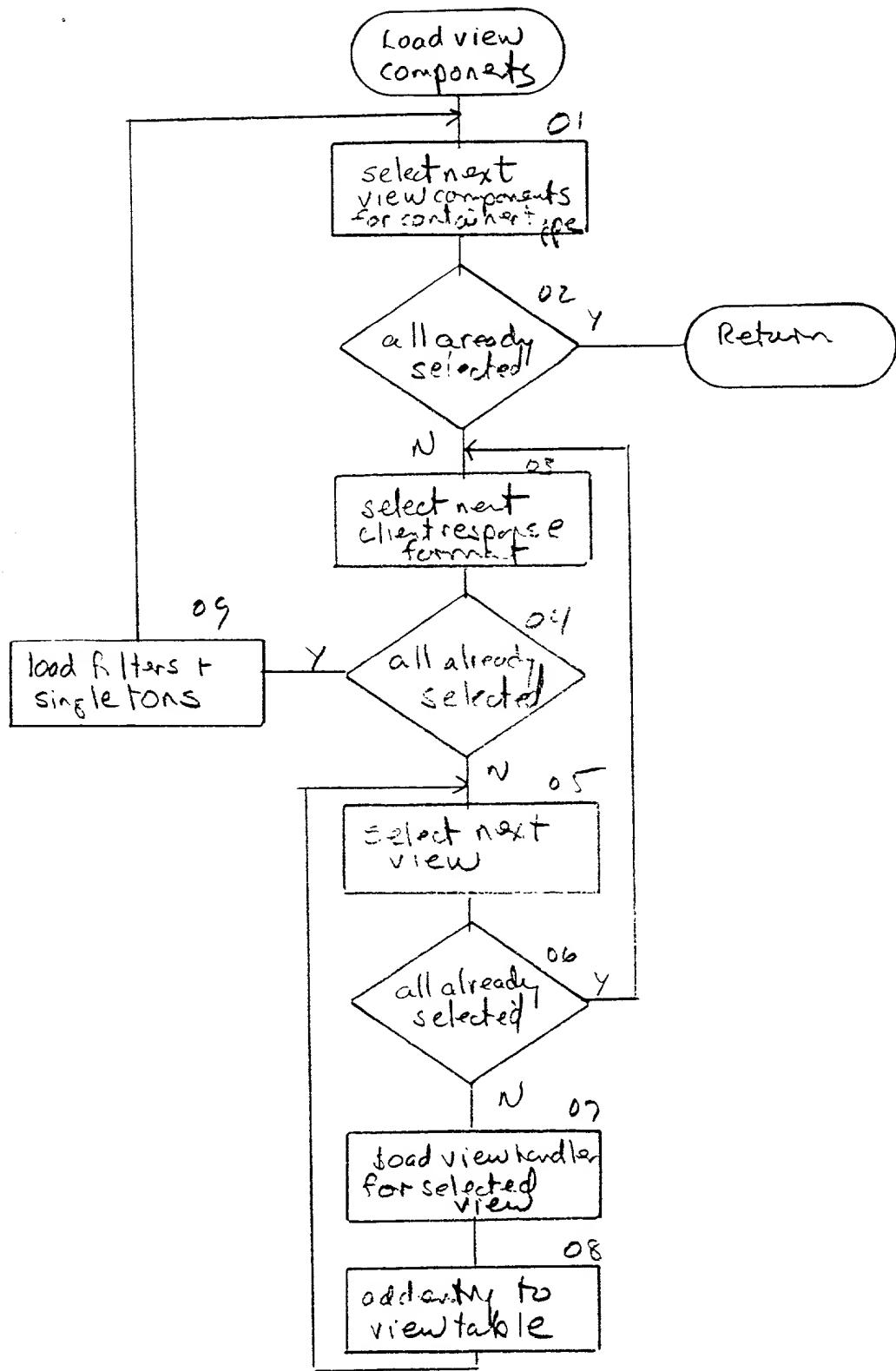


Fig. 20

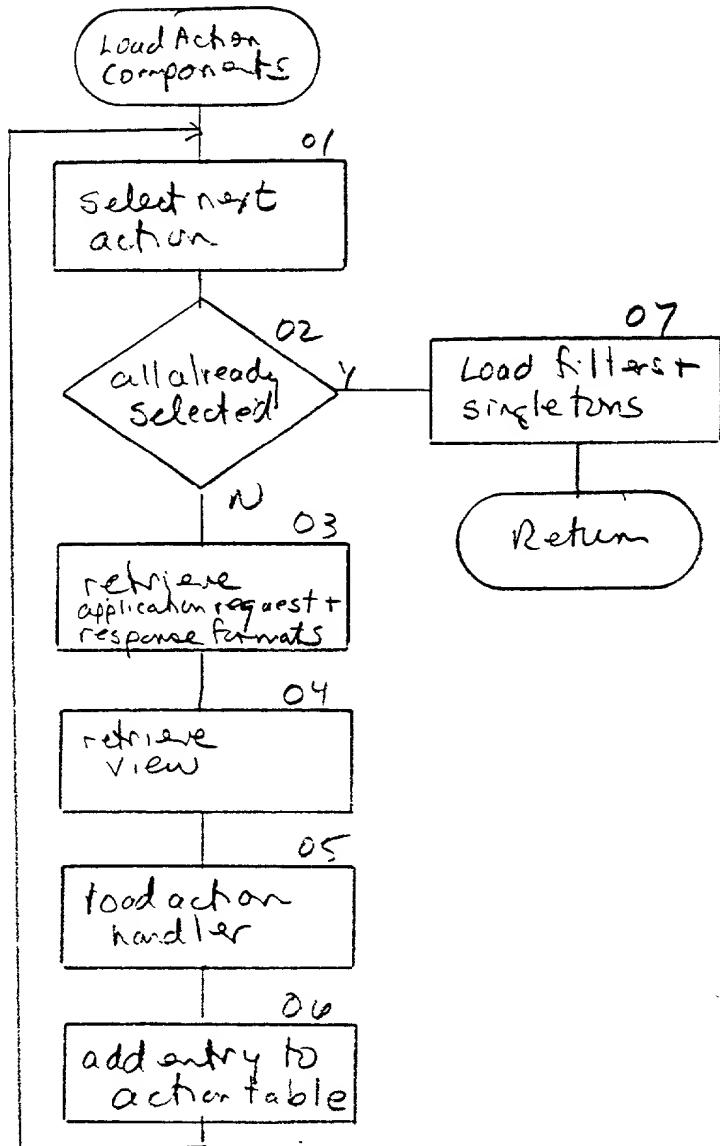


Fig. 21

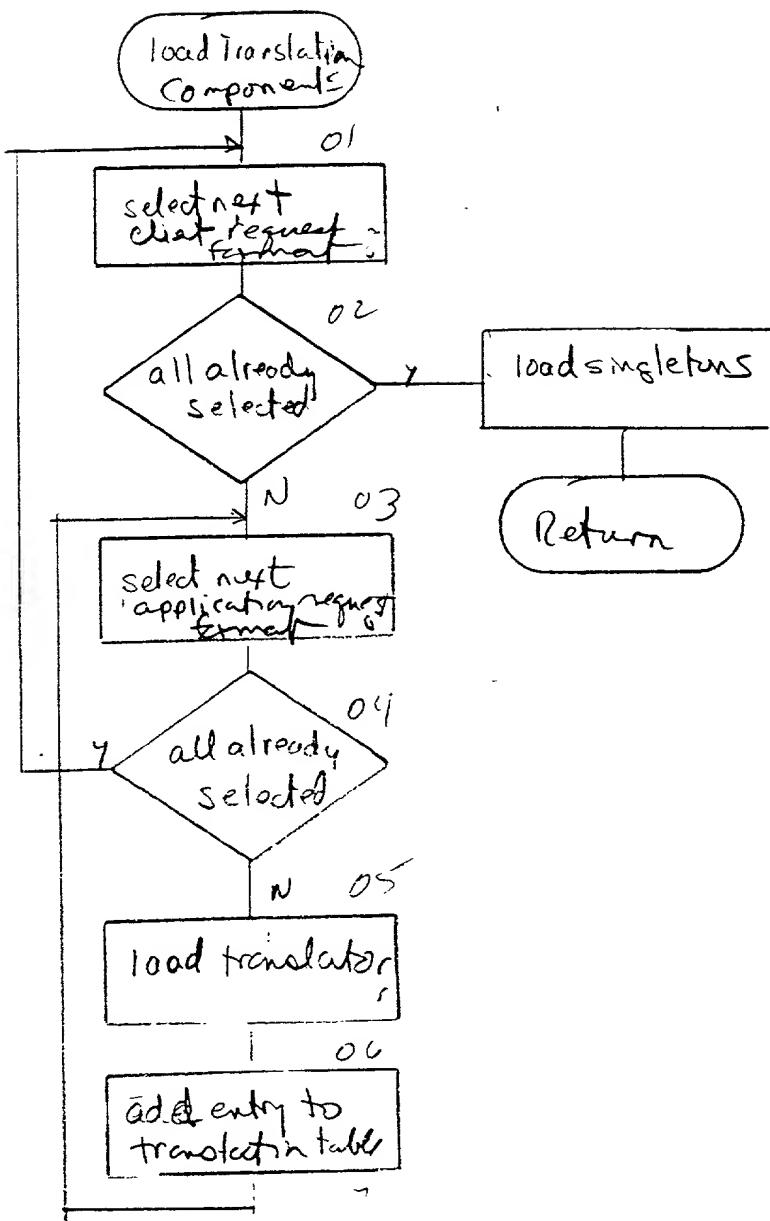


Fig 22

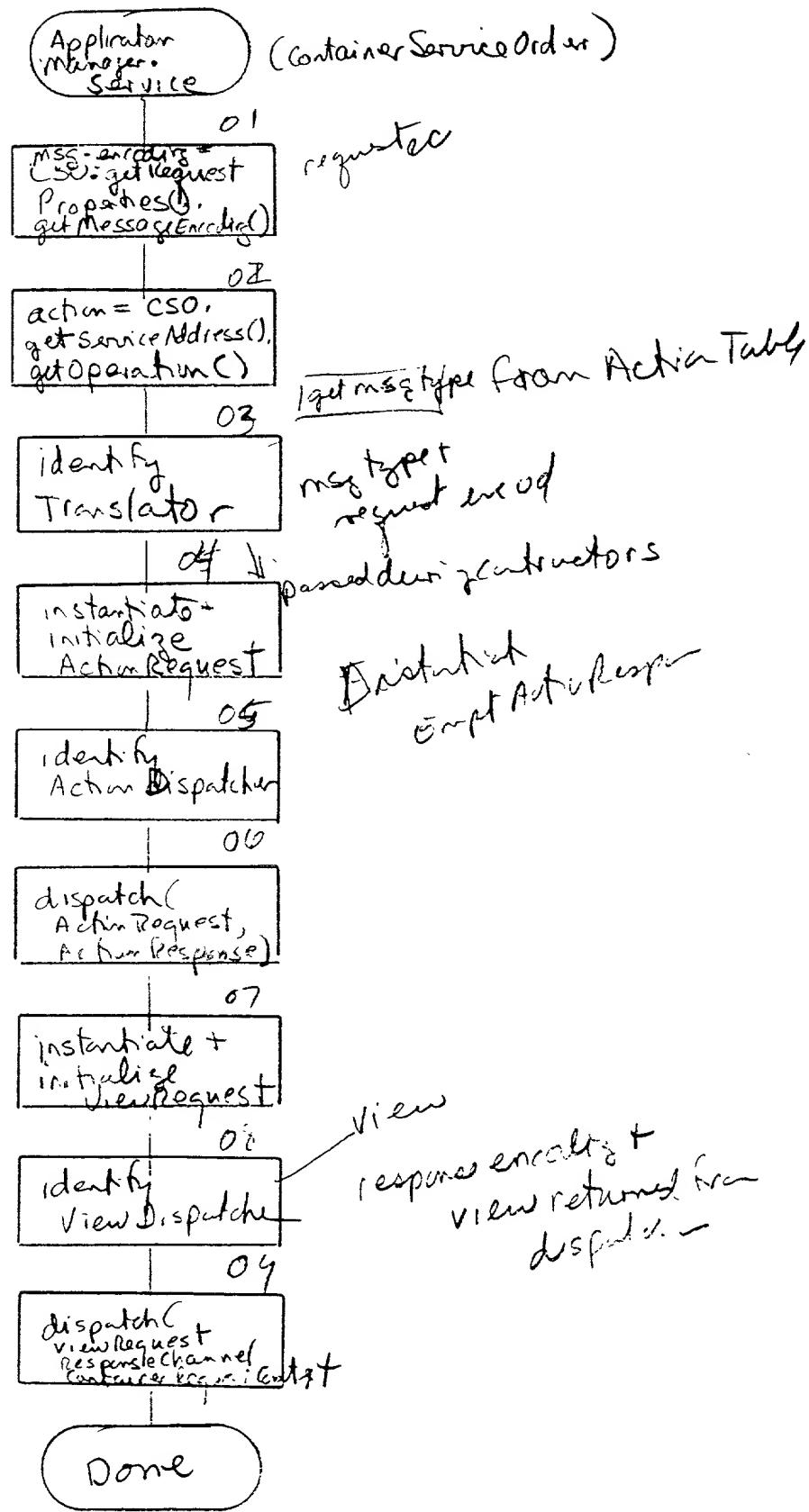


Fig. 23

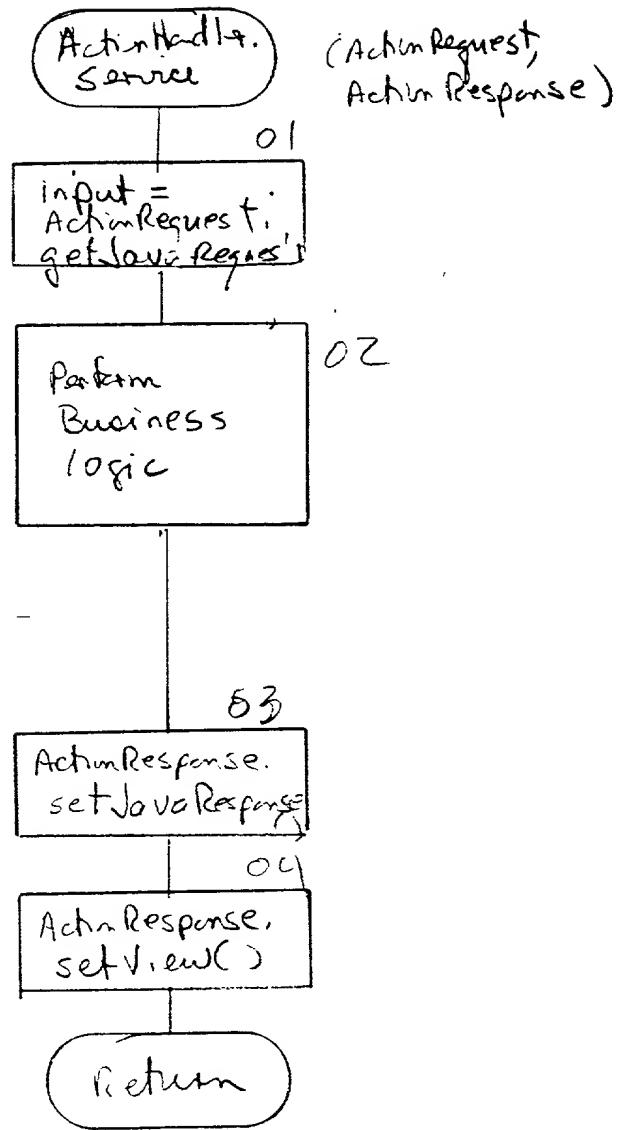


Fig. 24

Service Framework Overview

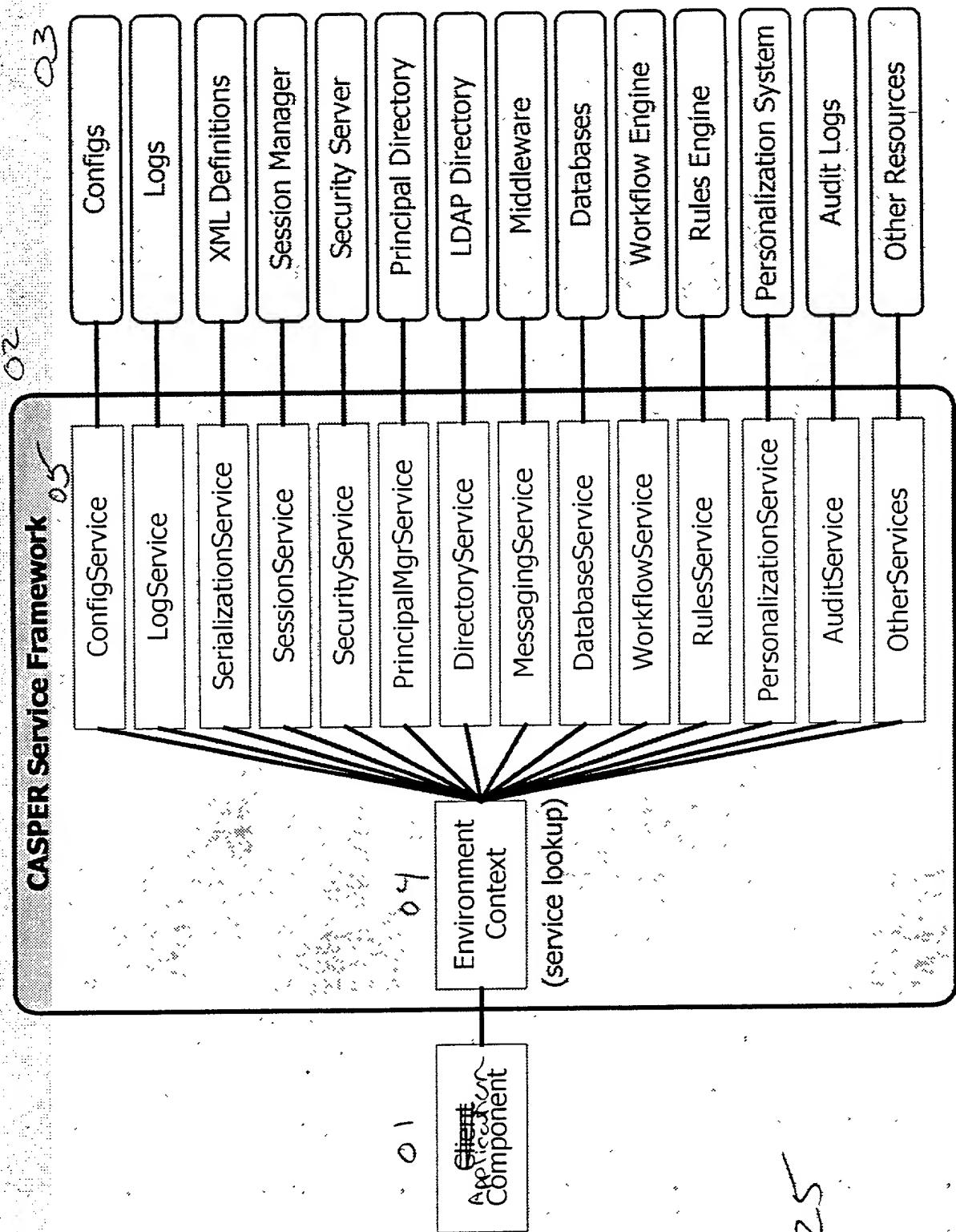


Fig 25

Service Classes & Interfaces

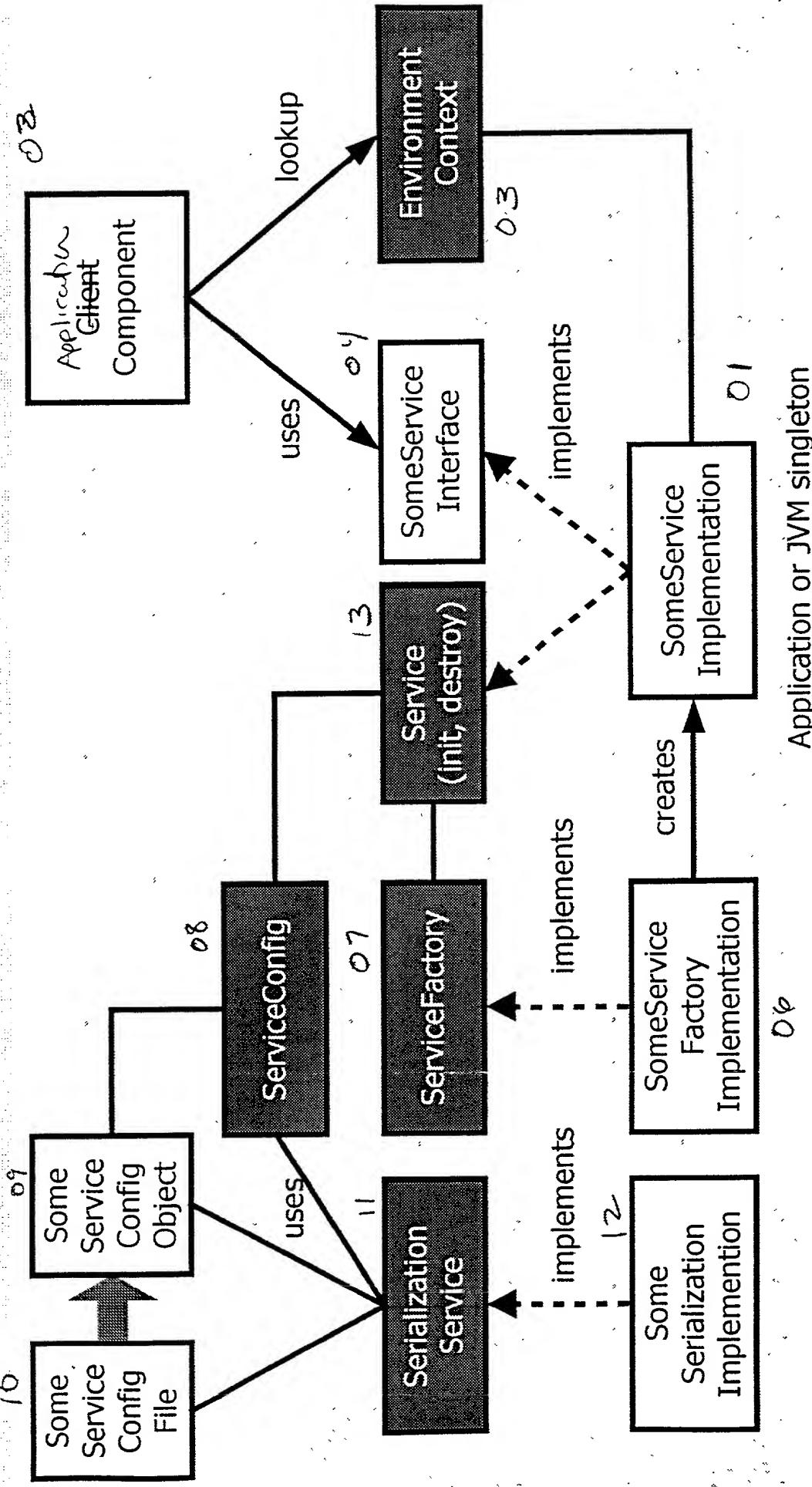


Fig 24

Service Framework Configuration

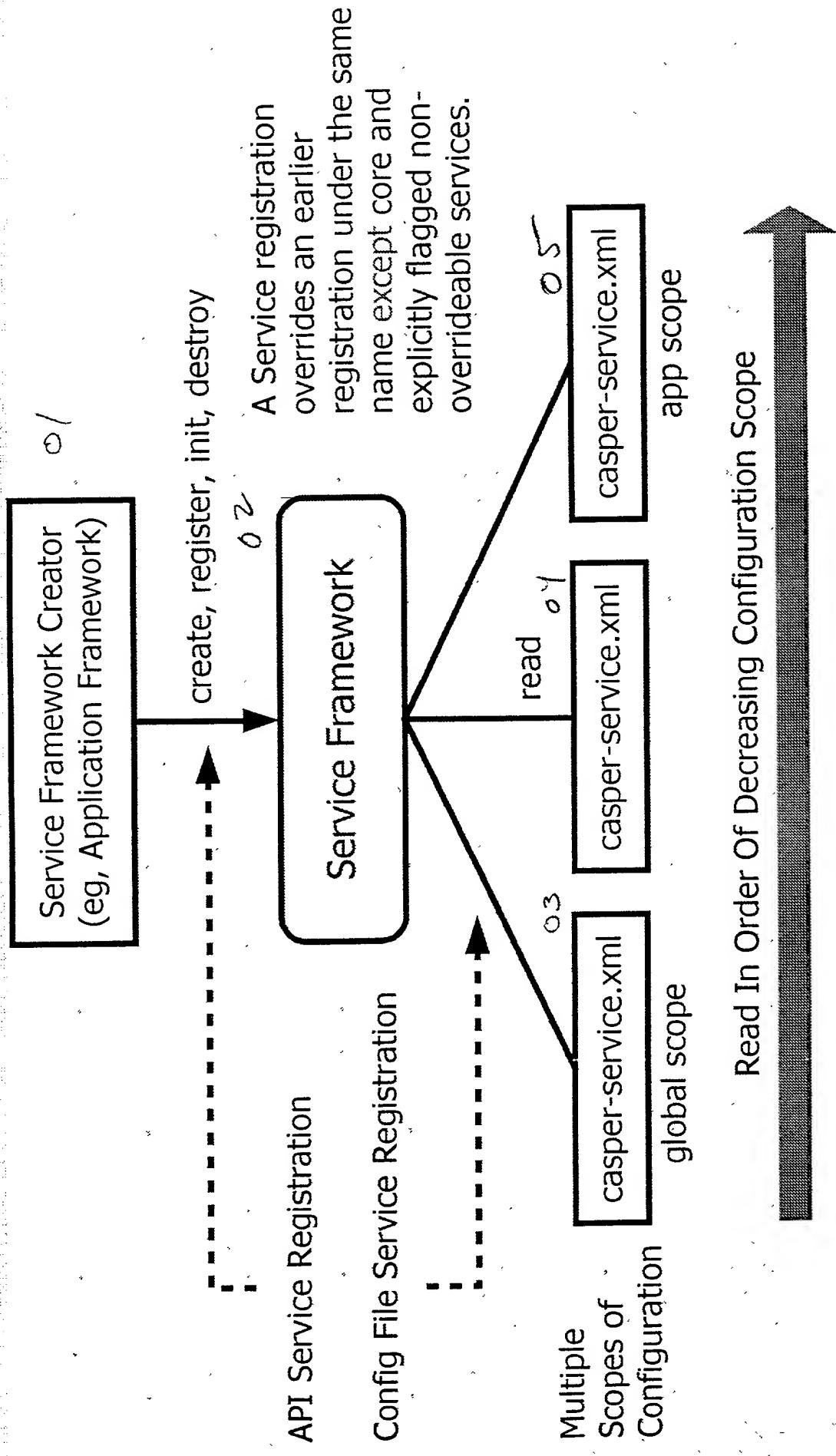


Fig 27

Configurable Configuration

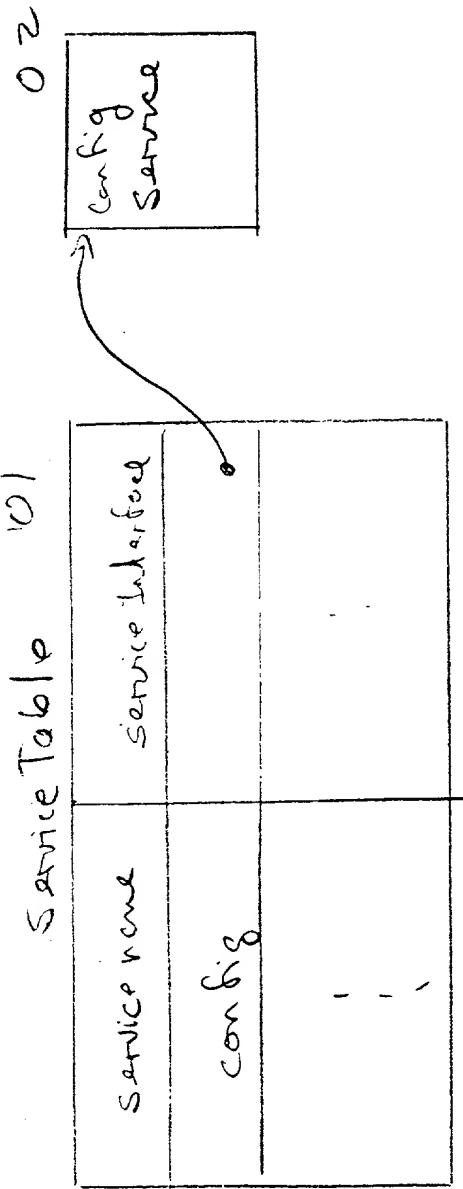


Fig 28

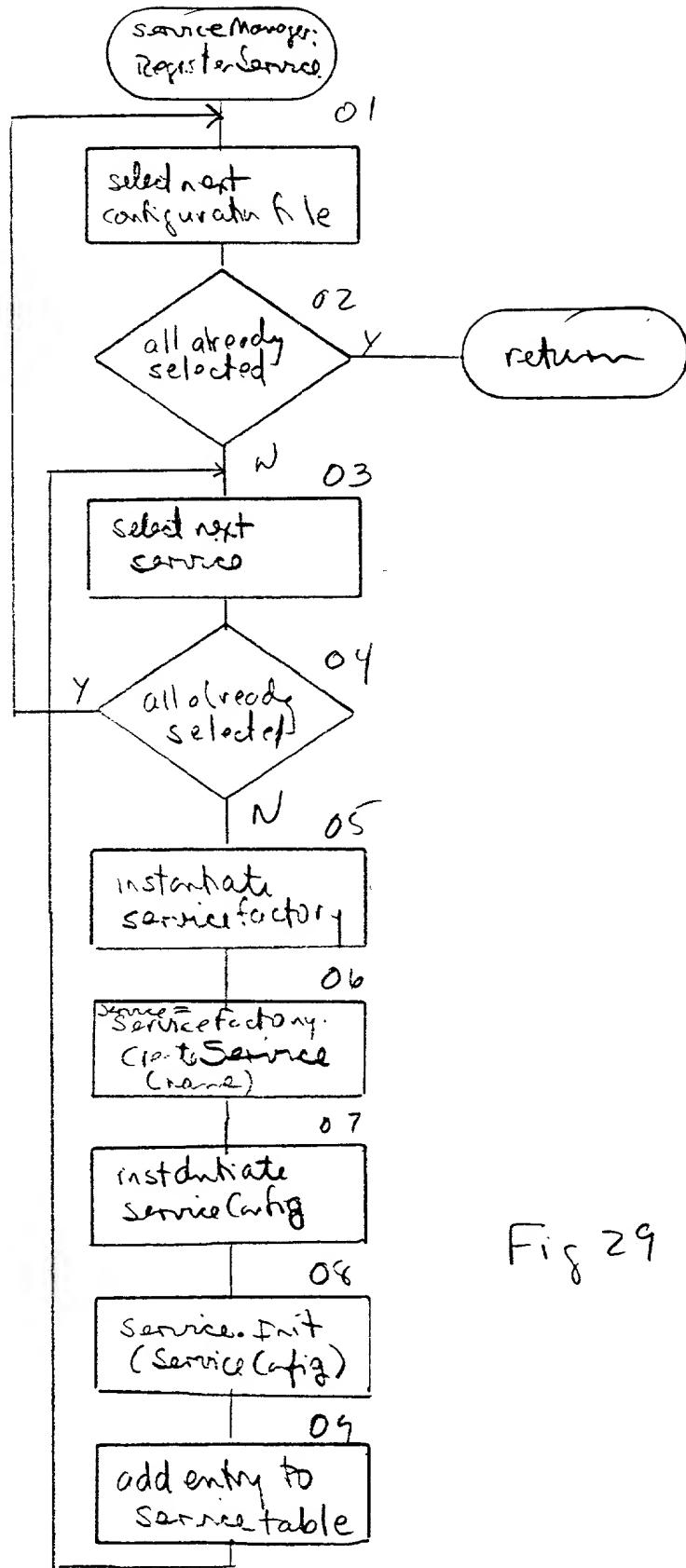


Fig 29

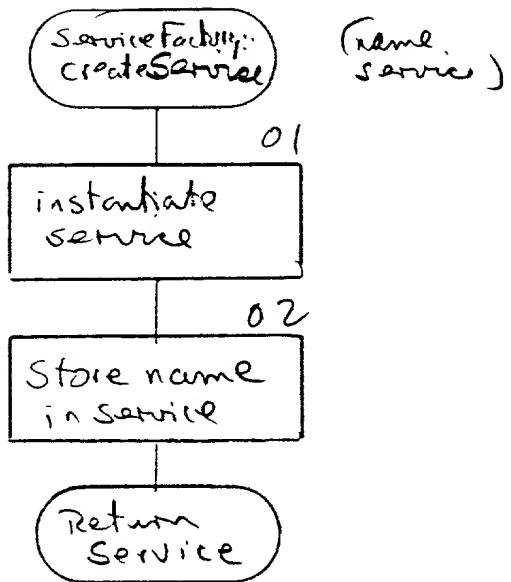


Fig 30

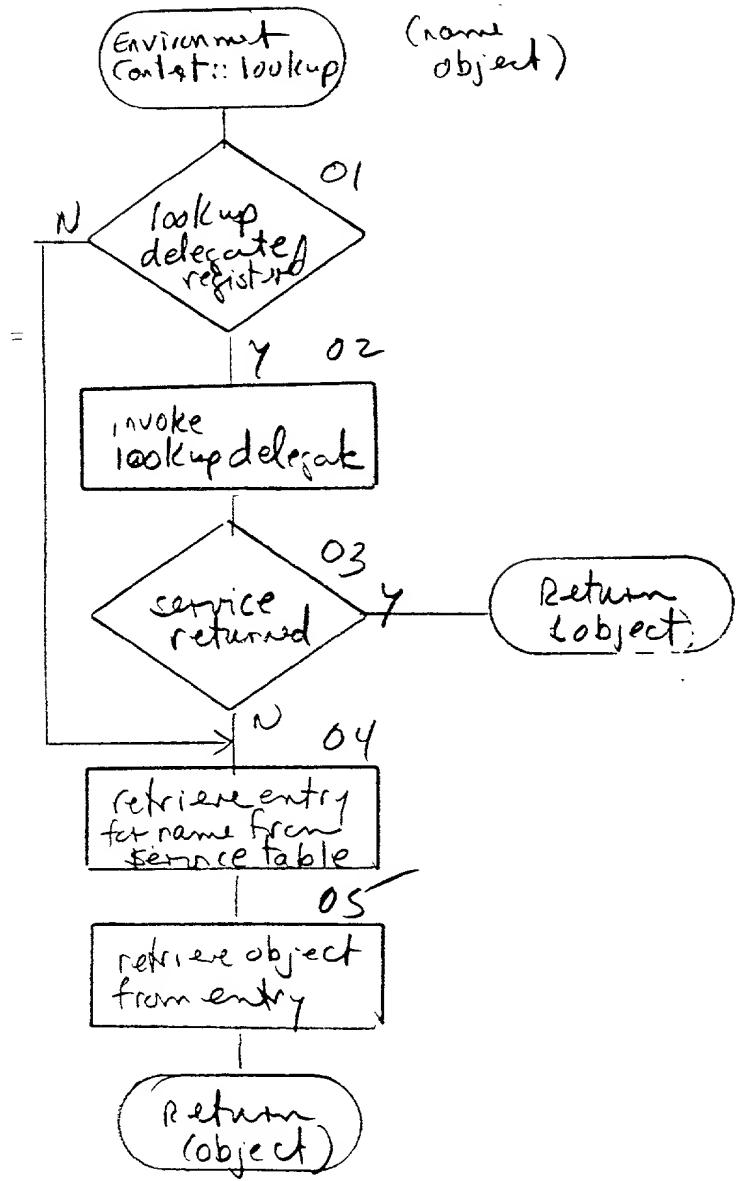
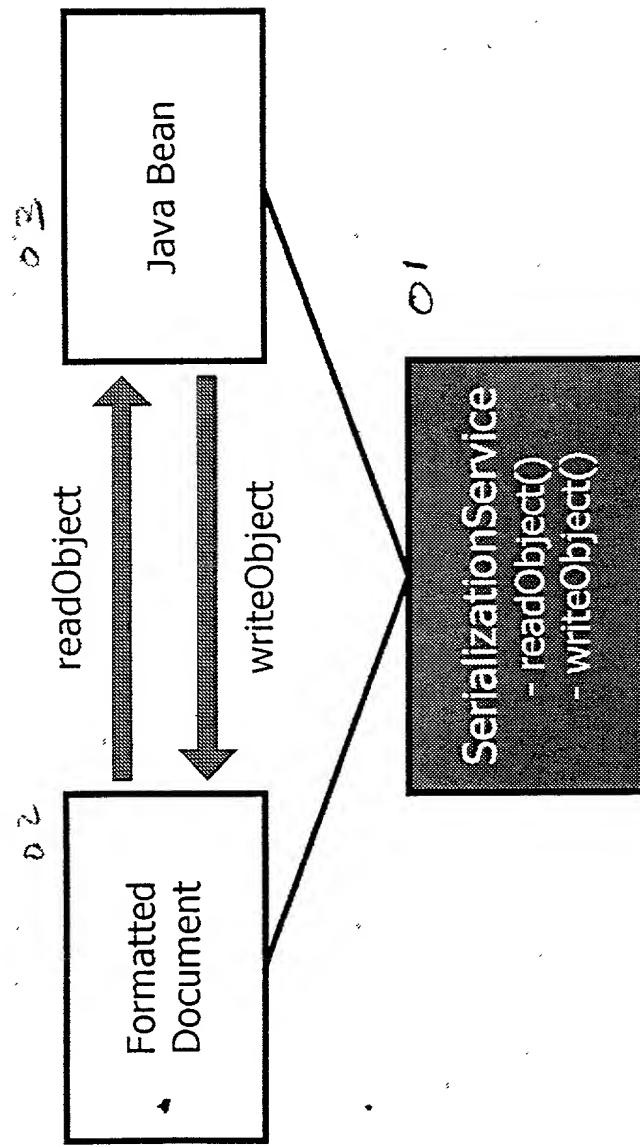


Fig 3 |

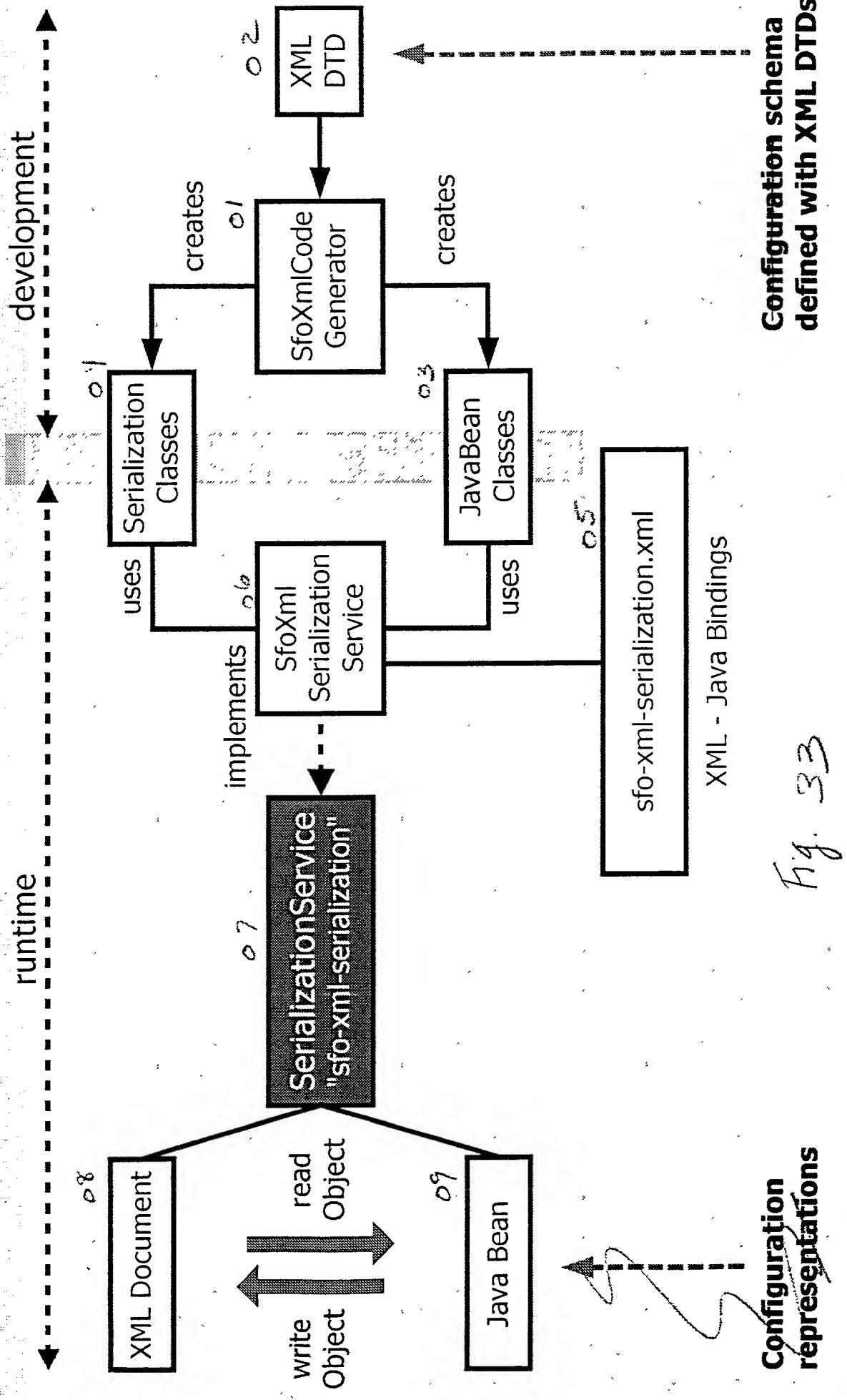
Serialization Service



A SerializationService is responsible for transforming and validating formatted documents to and from JavaBean objects

Fig. 32

Configuration Definition with SFO XML Tools



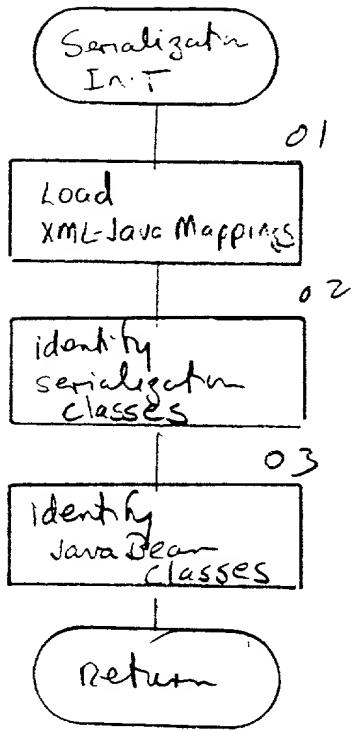


Fig. 34

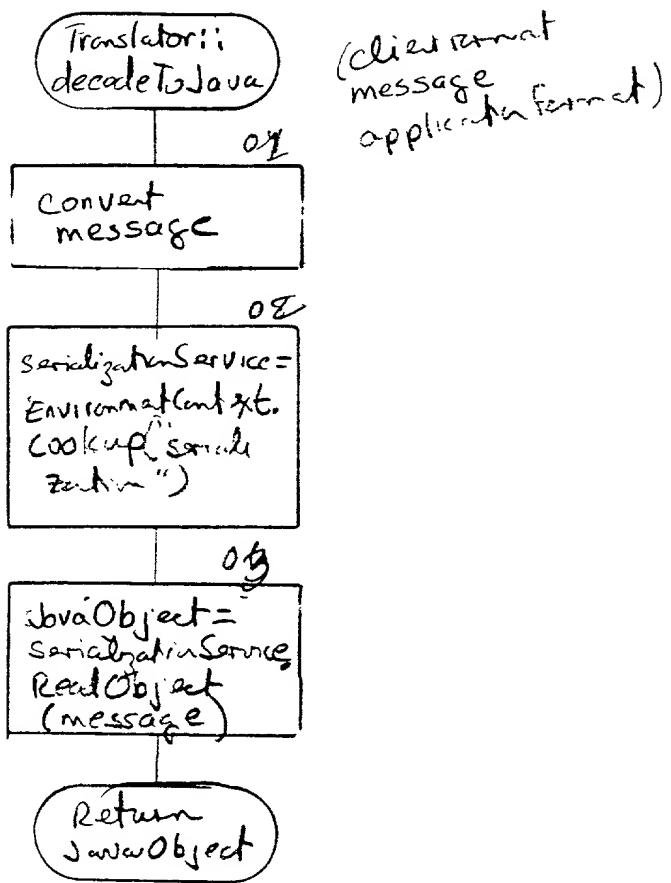


Fig. 35

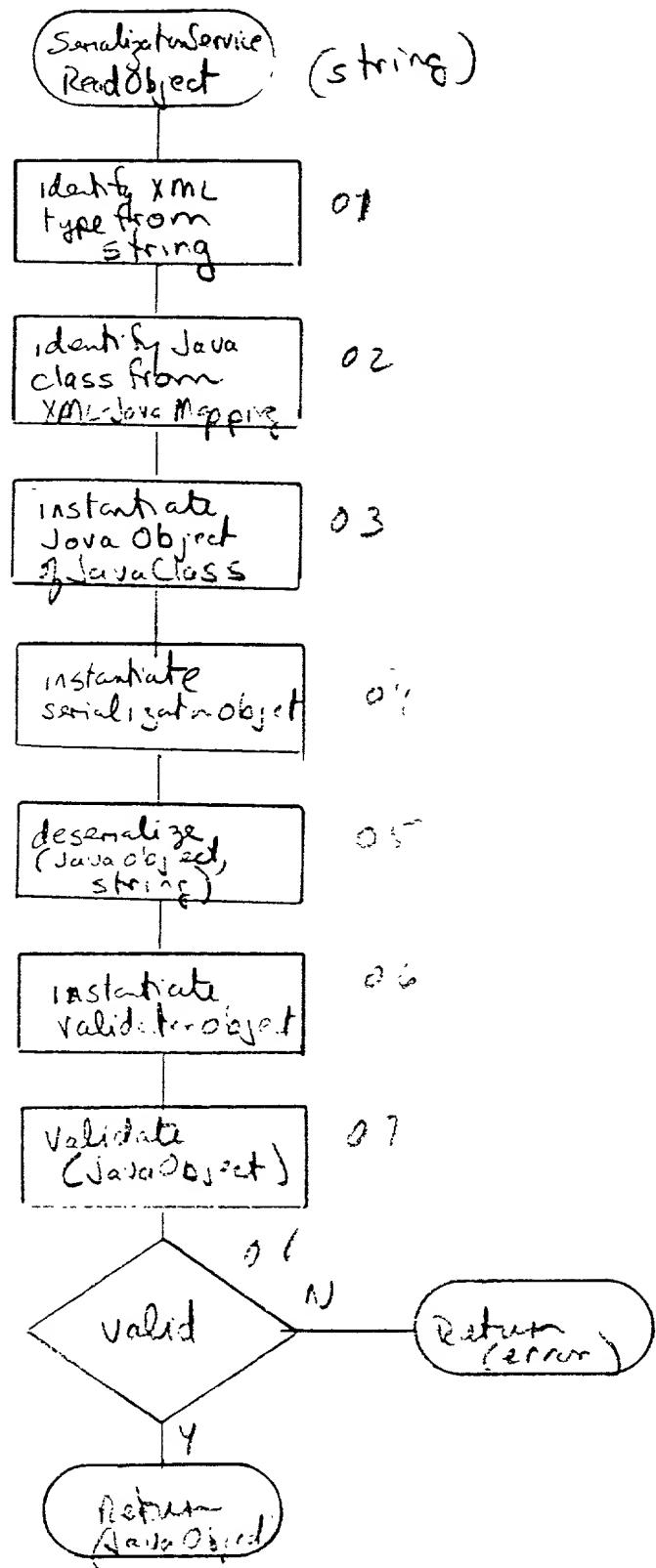


Fig. 34

Configuration Service

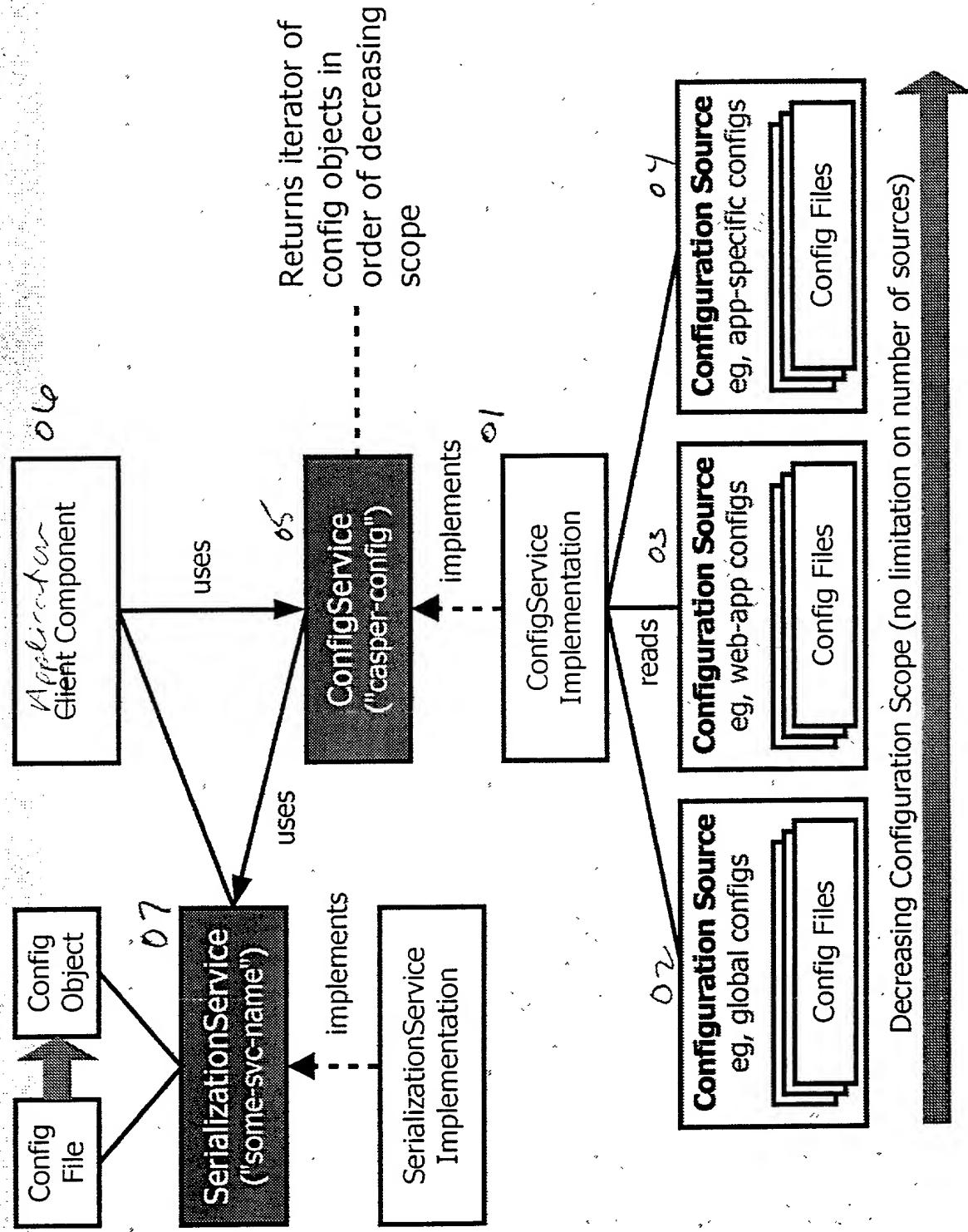


Fig 37

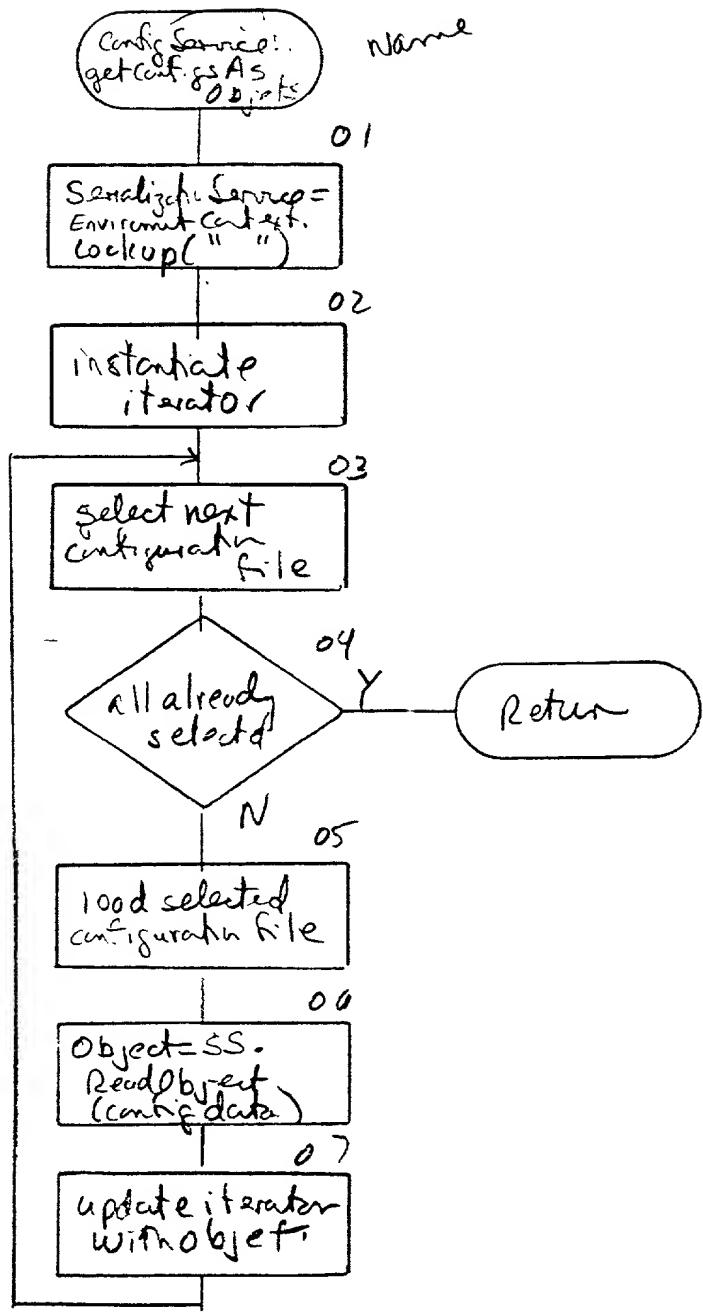


Fig. 38

Fig. 39

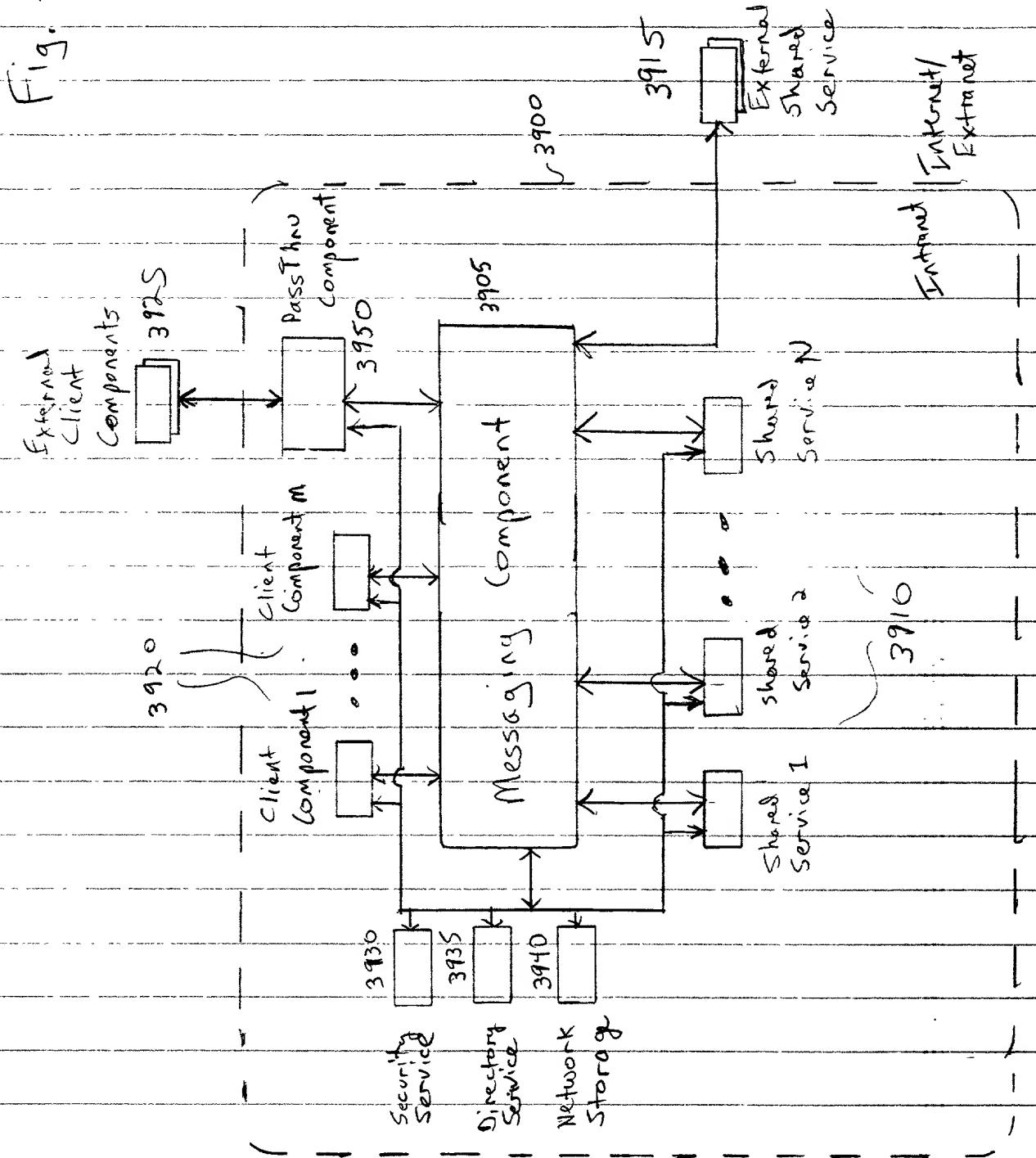


Fig. 40

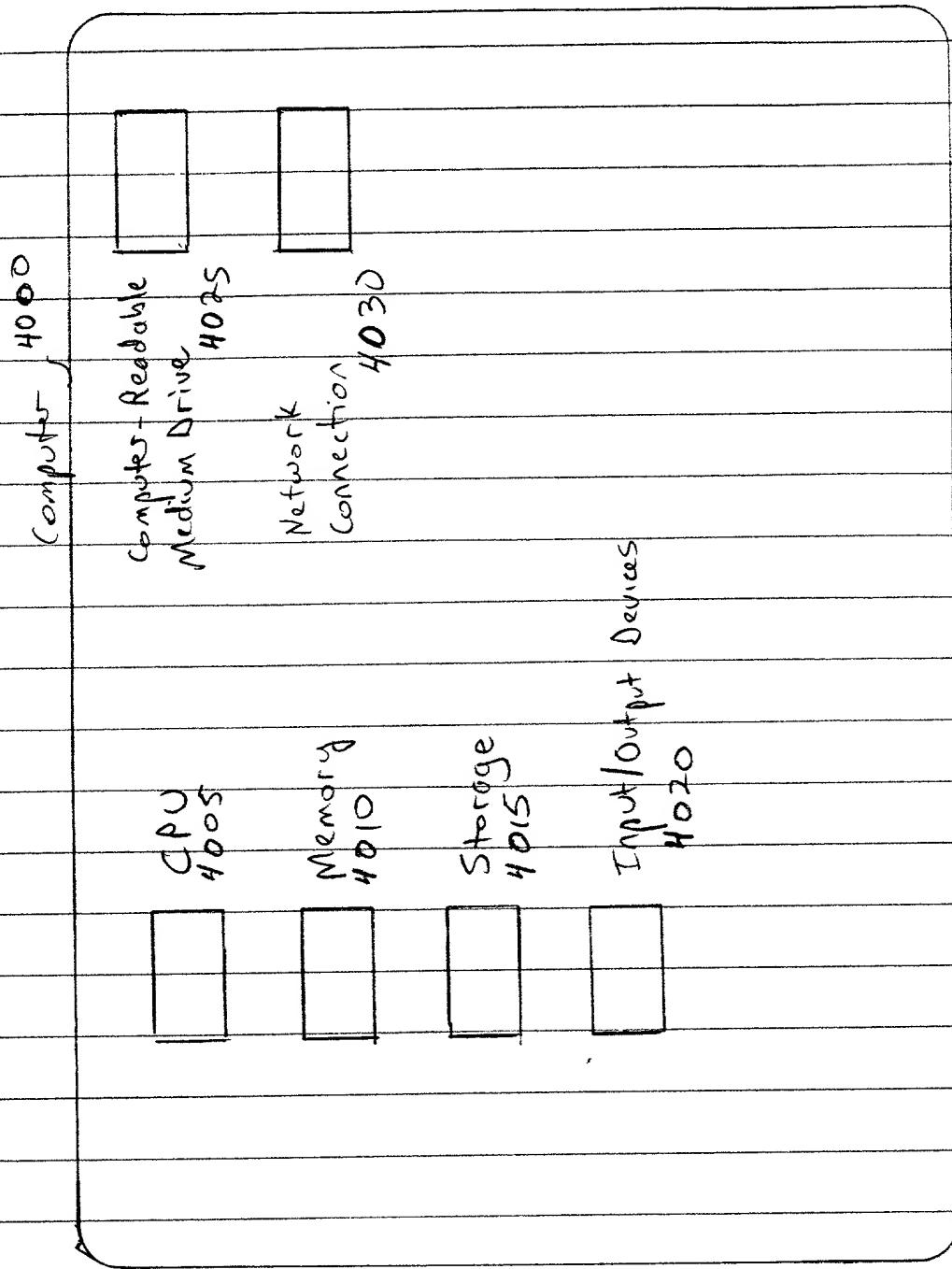
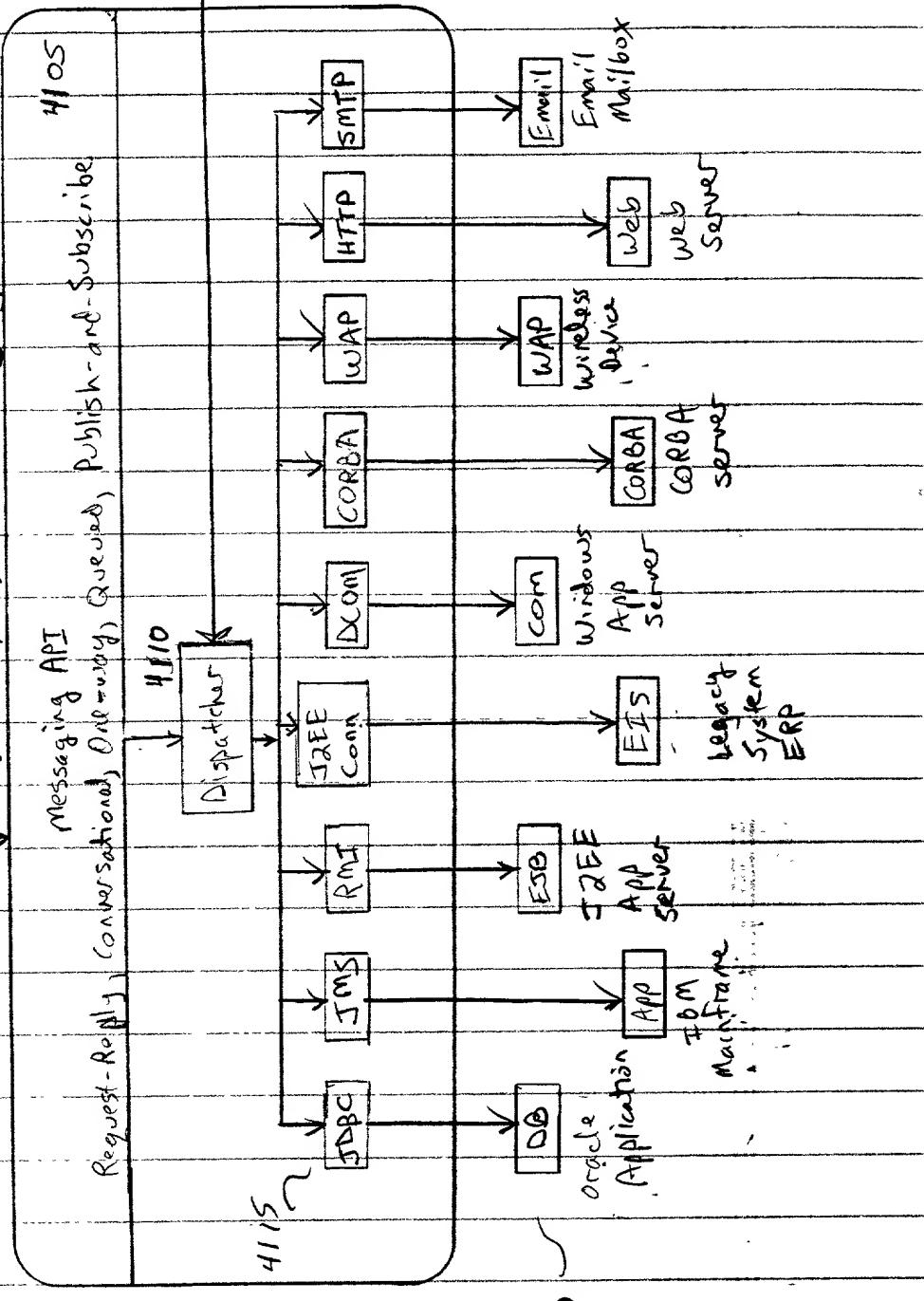
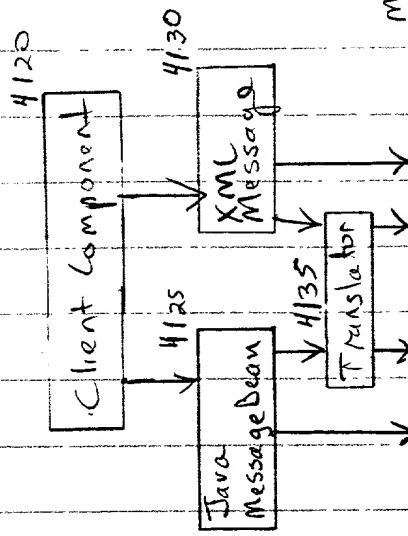


Fig. 41



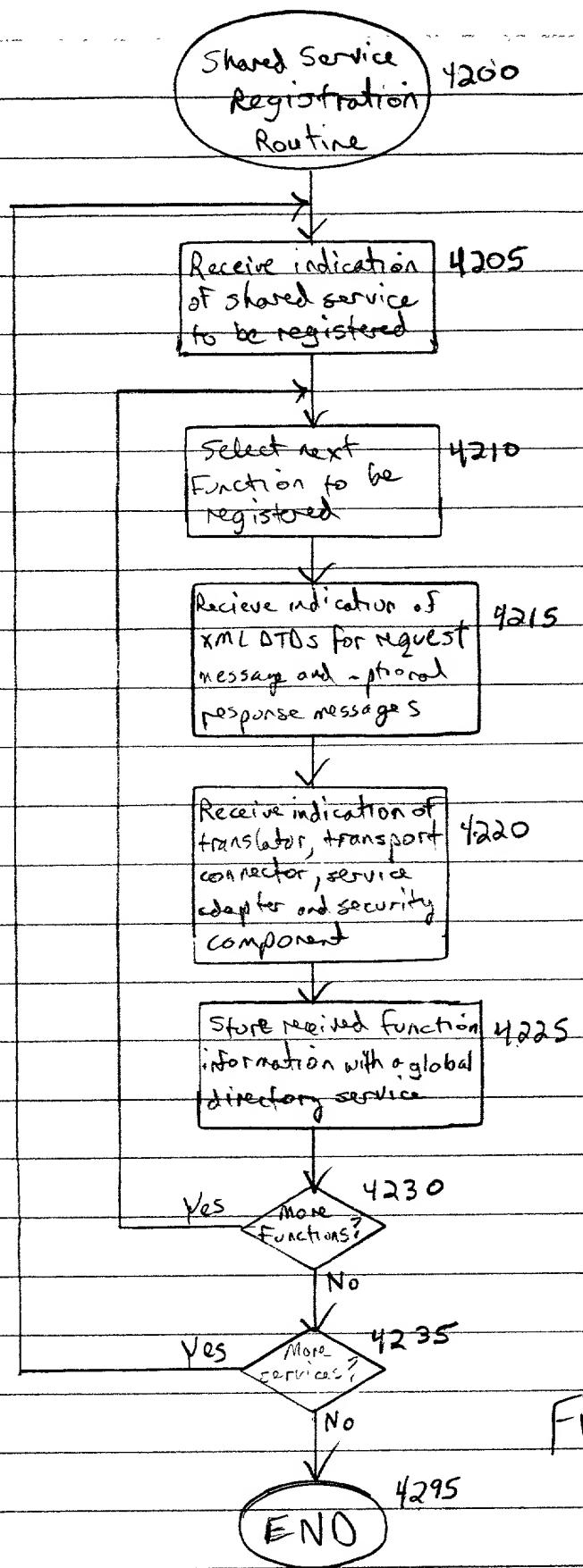


Fig. 42

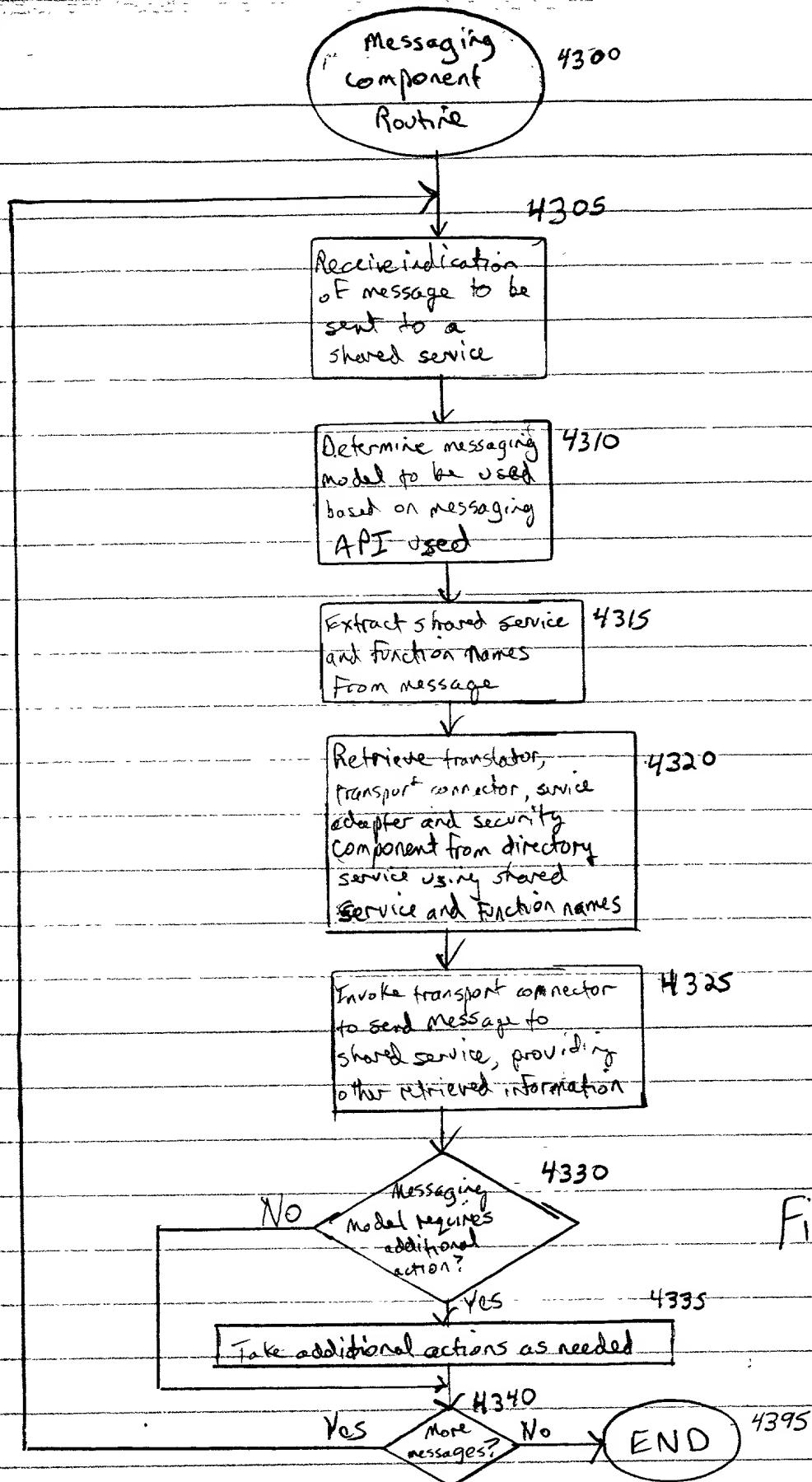


Fig. 43

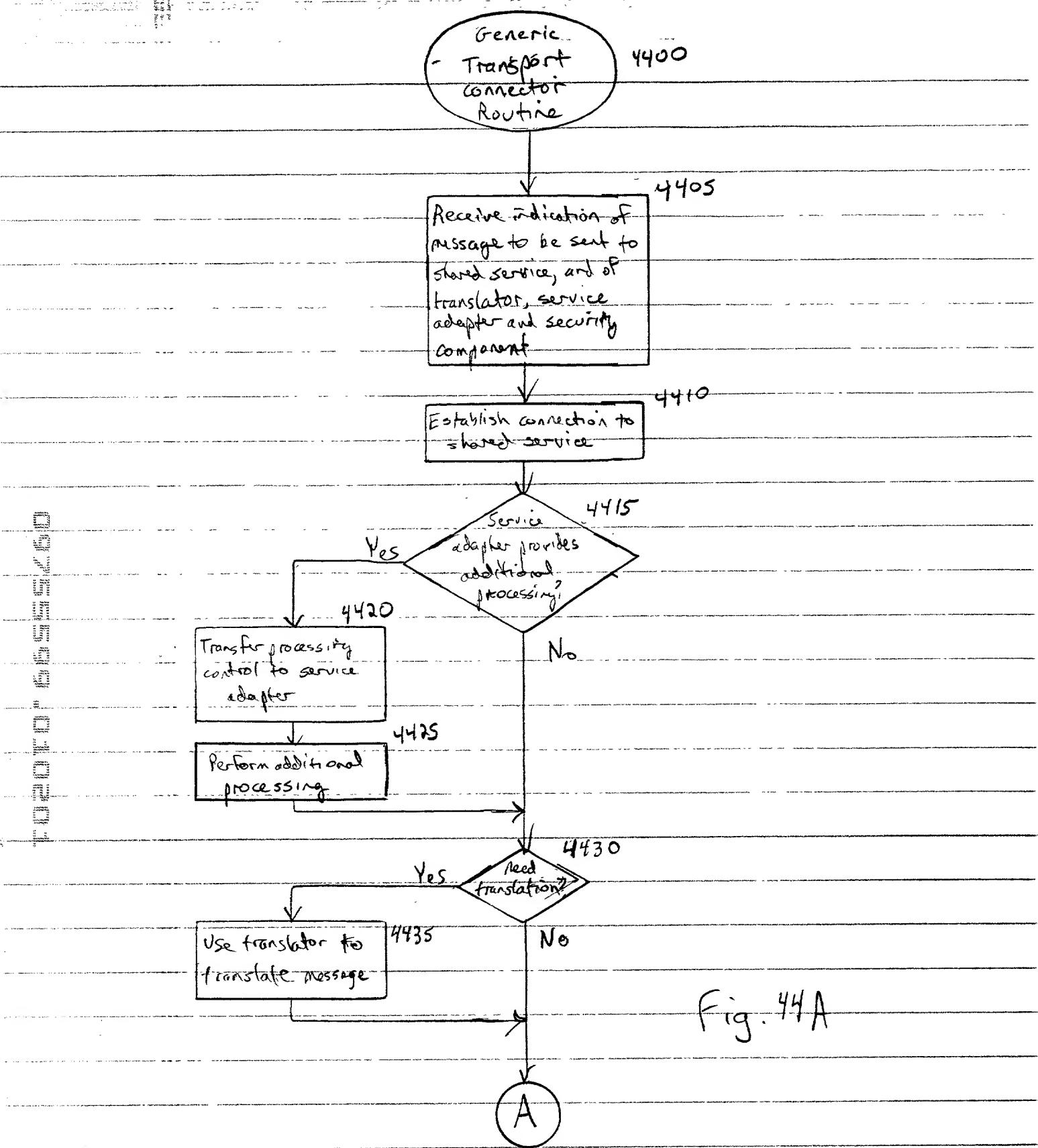


Fig. 44 A

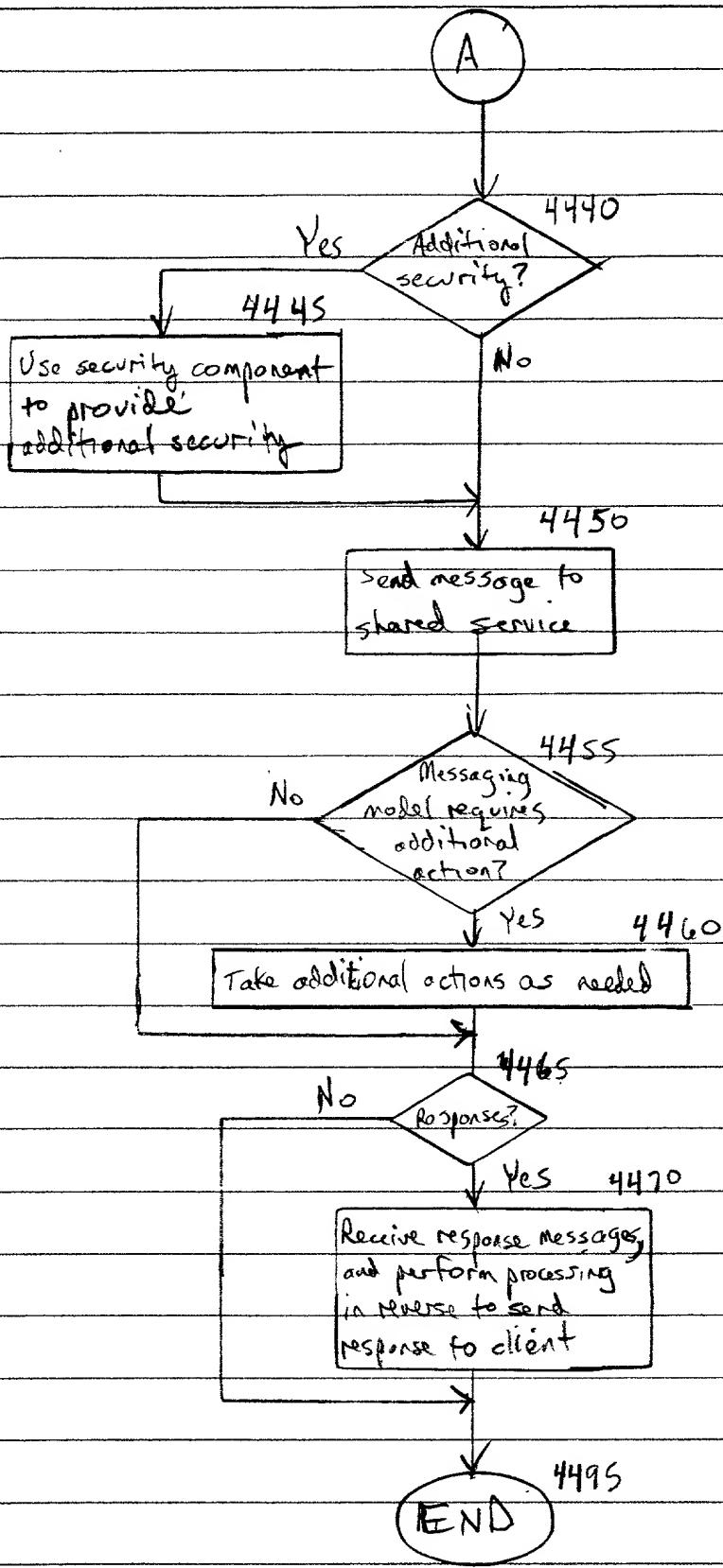


Fig. 44B

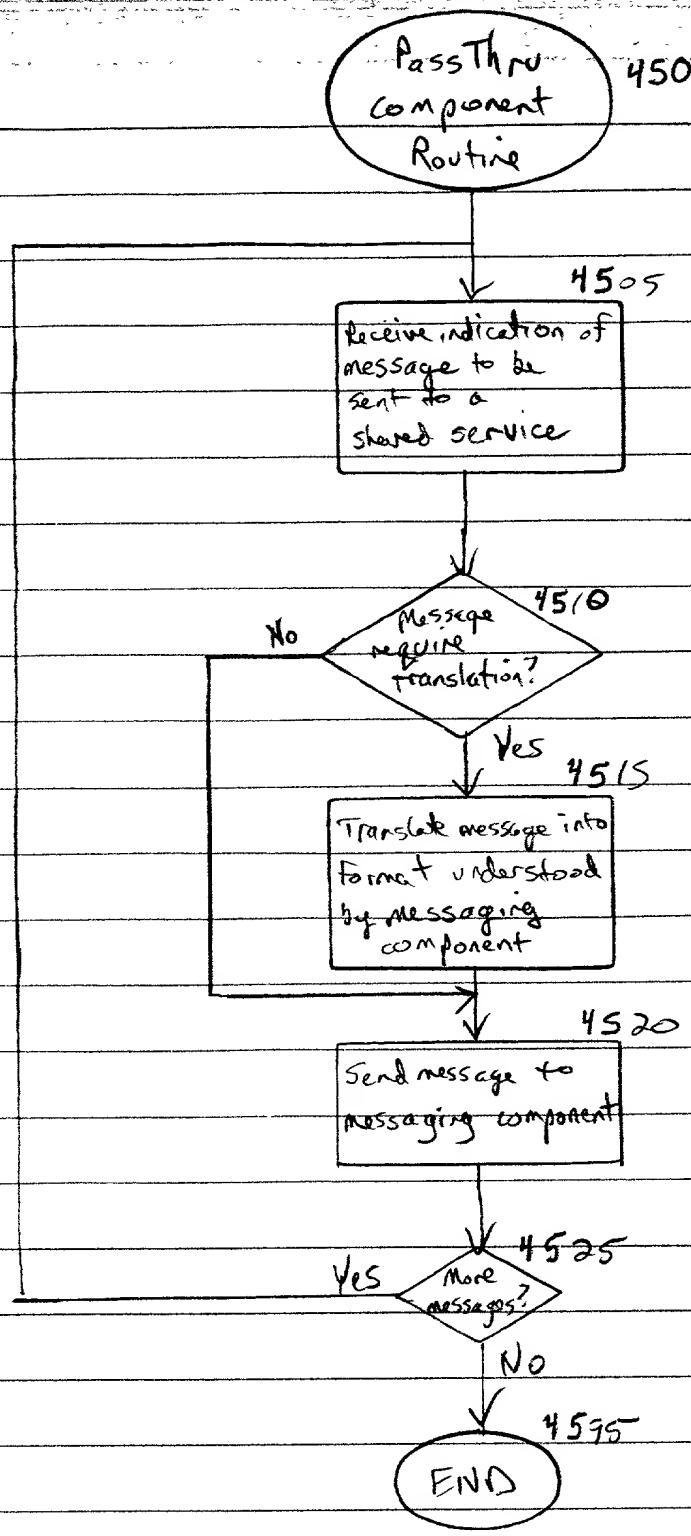


Fig. 45

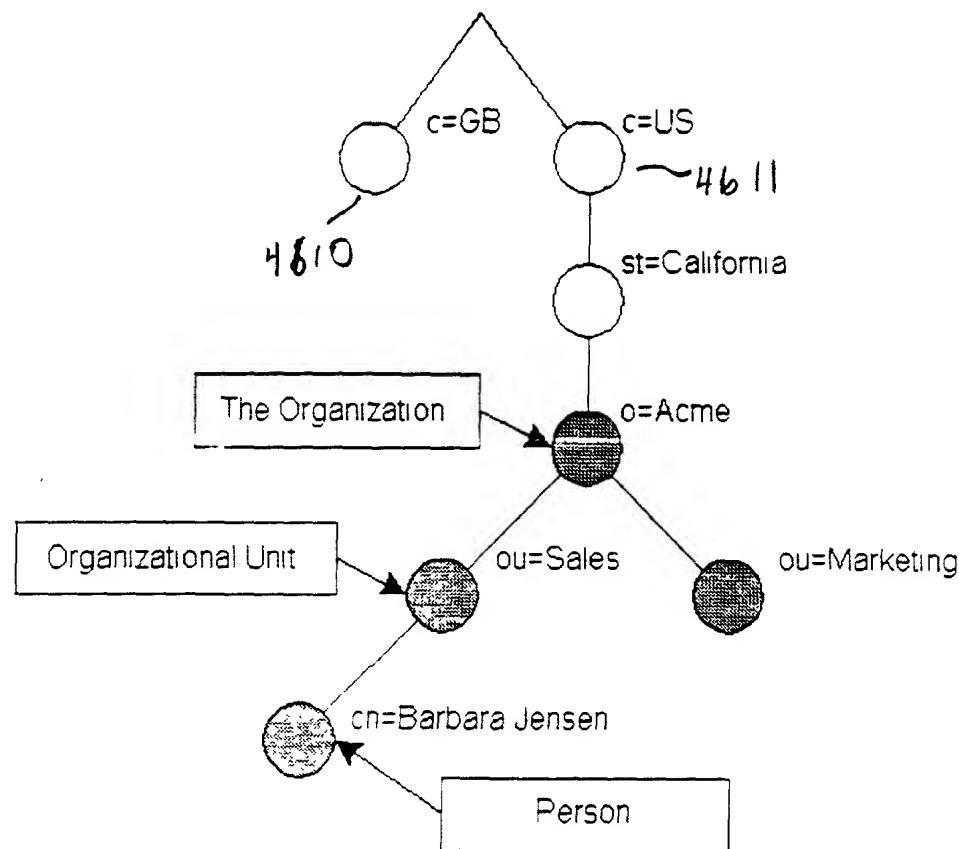
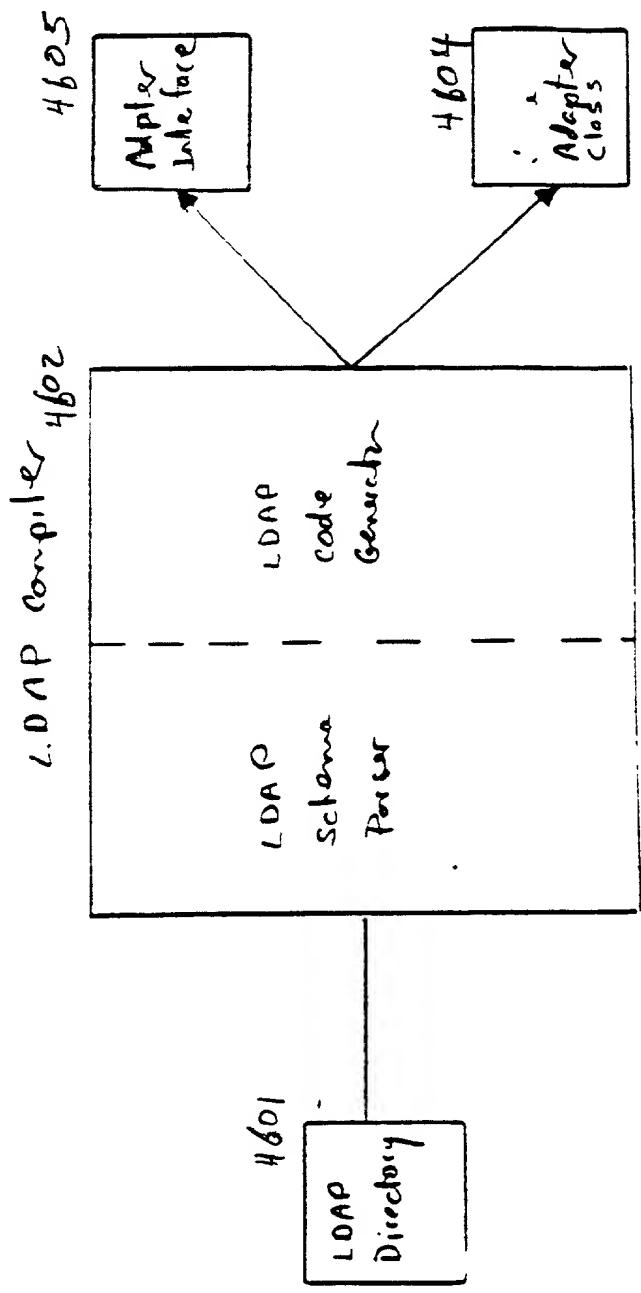


Fig. 46 A



46 B
Fig.
Li

4701

LDAP schema

class 1	attribute:
	attribute.
class 2	attribute
	attribute:

4702

attribute:
:

4703

attribute 1 characteristic	:
attribute 2 characteristic	:
attribute 3 characteristic	:

4704

LDAP entries

4705	entry 1	class, class, . . . attr value: ; attr value
4705	entry 2	class, class, . . . attr value attr value attr value

F: 8 47

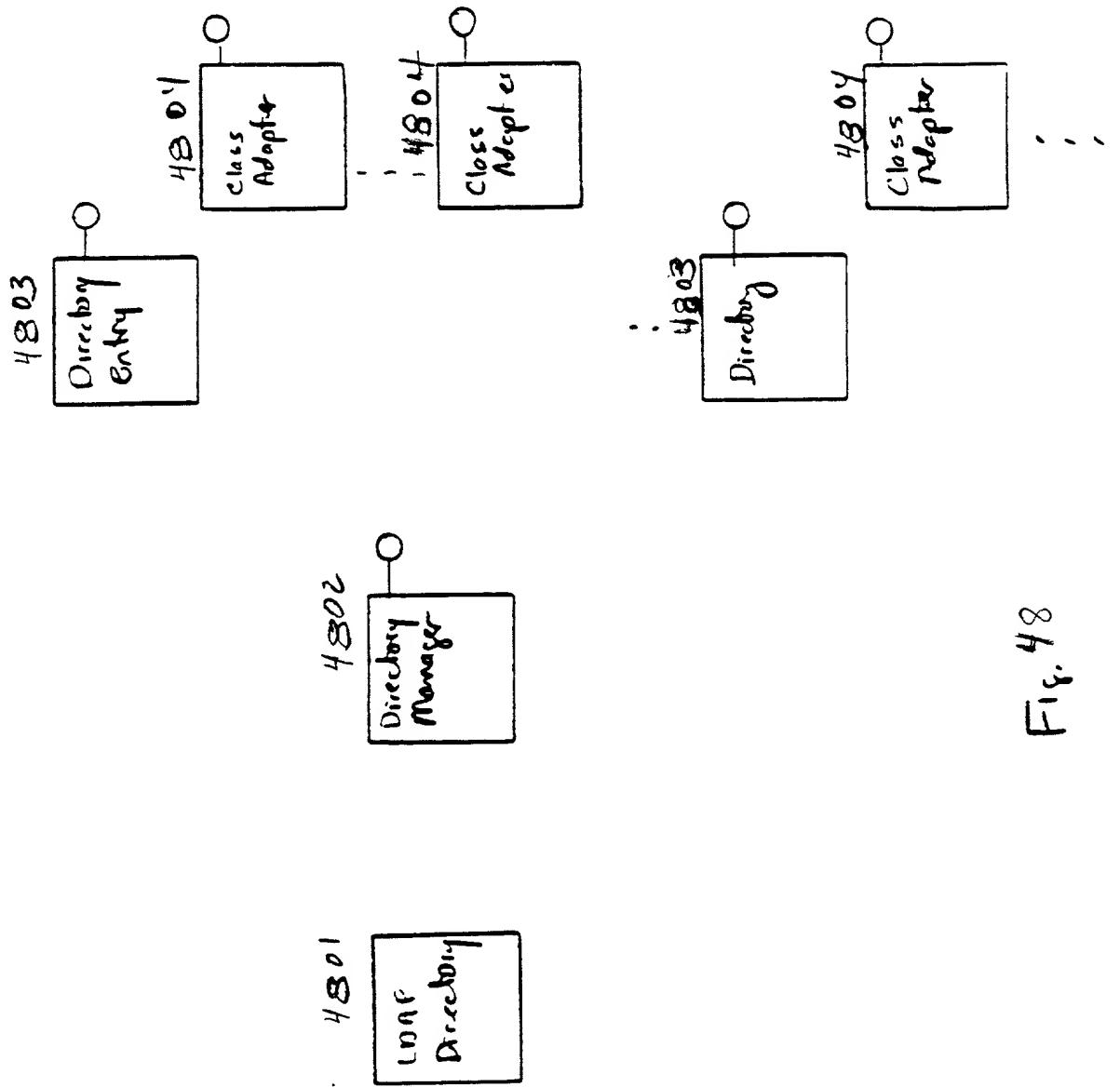
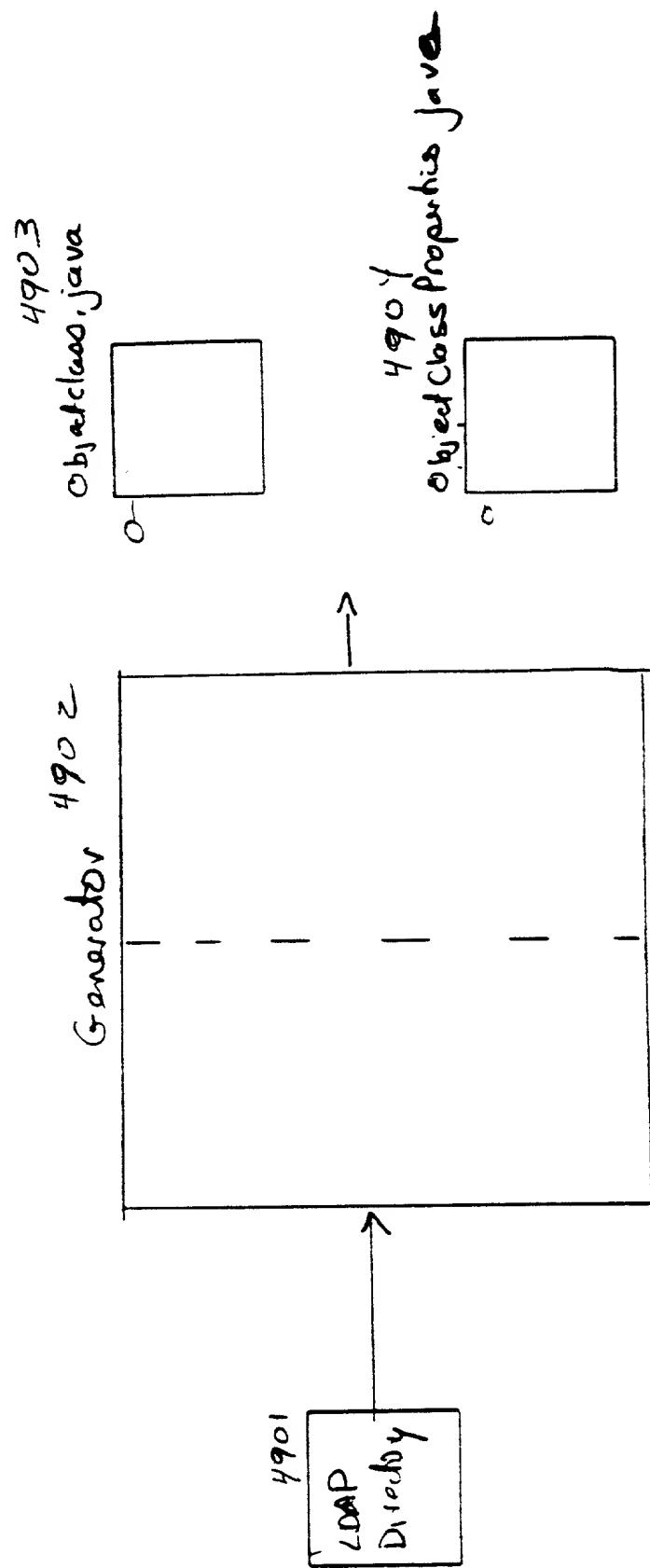


Fig. 48

Fig 49



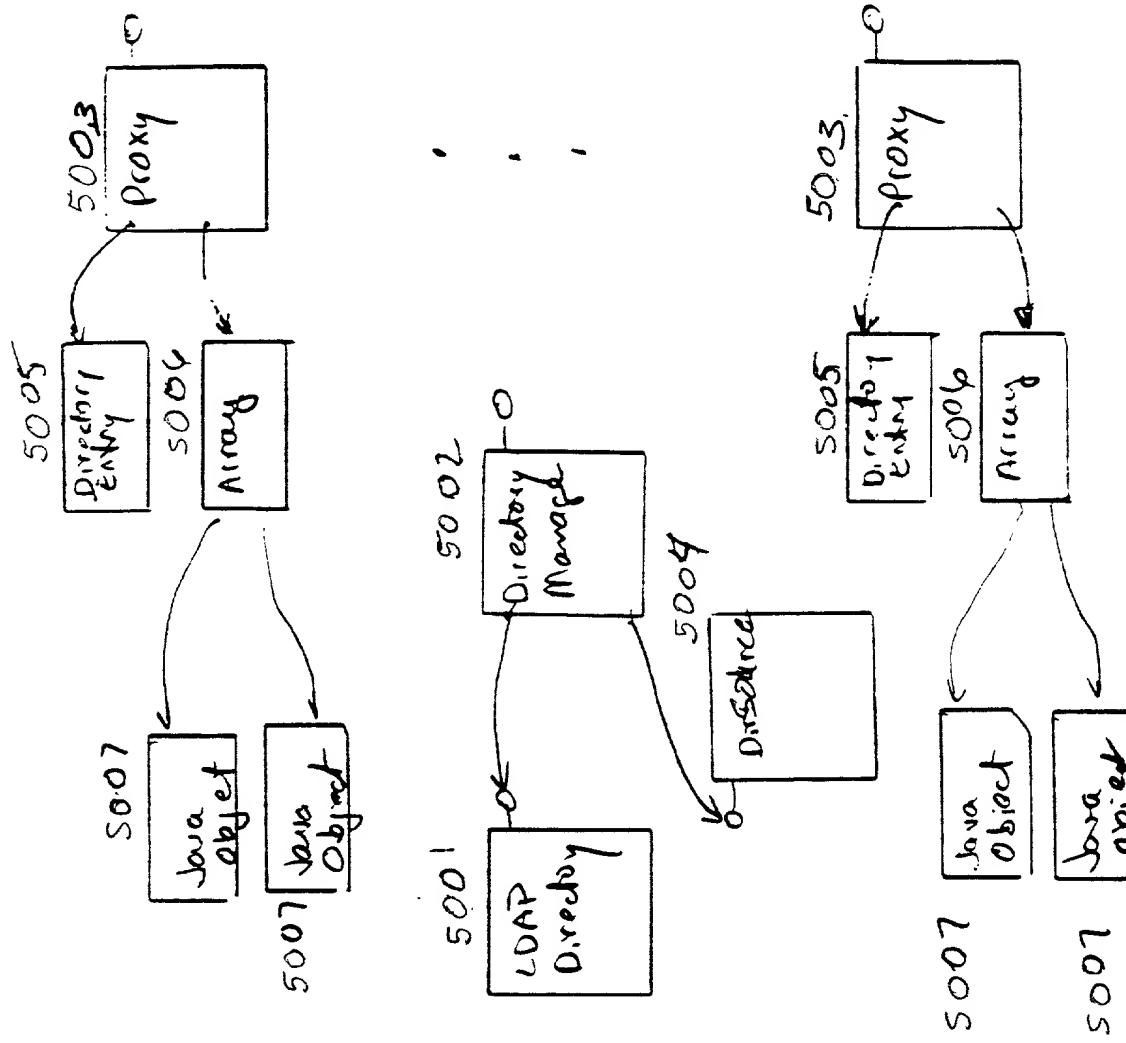
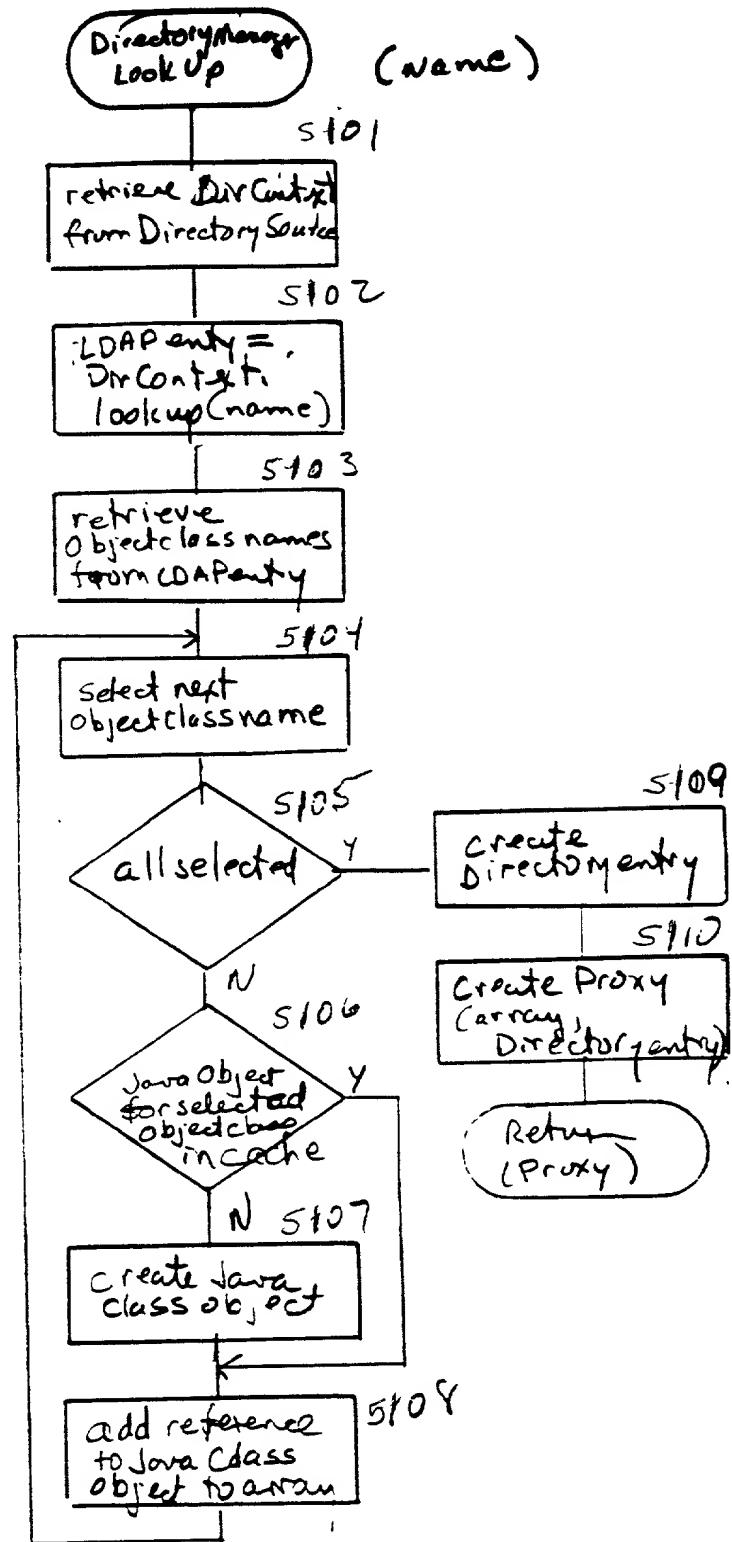


FIG. 50



F. g. 51

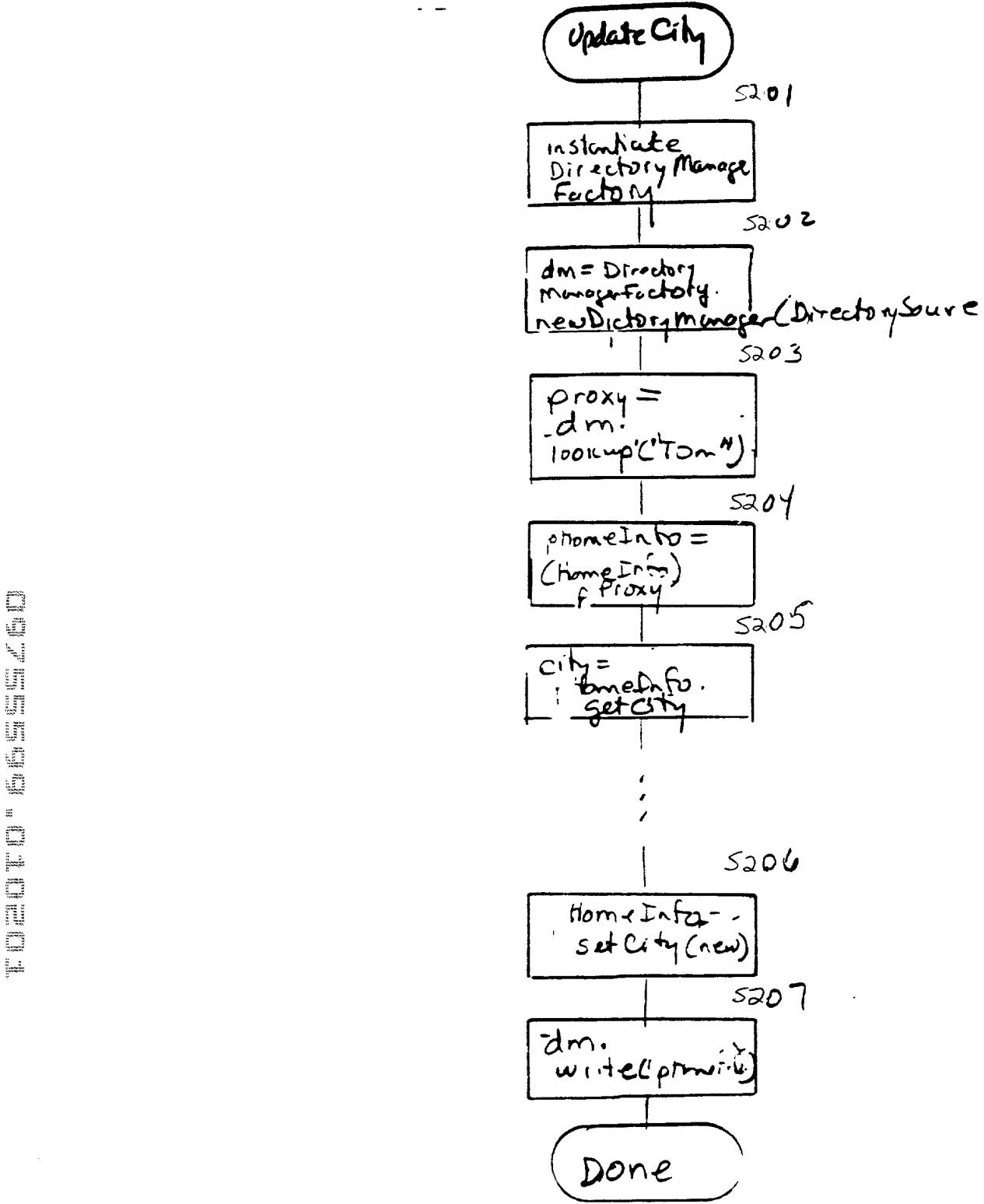


Fig. 5.2

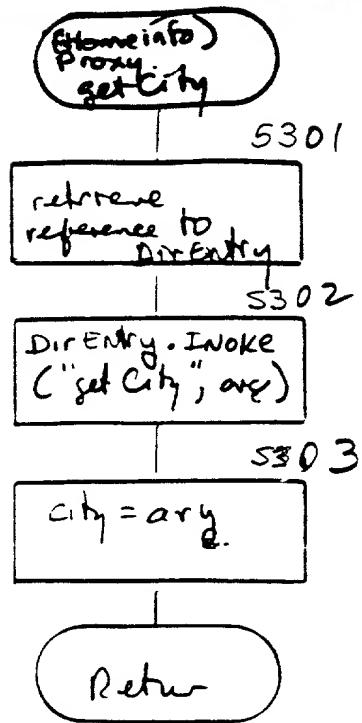


Fig. 53